



**FINAL  
RESIDENTIAL SOIL SAMPLING  
REPORT**

**For the  
Residential Study Area  
Near the  
Former Celotex Site  
2800 South Sacramento Avenue  
Chicago, Illinois 60623**

**Prepared for  
Honeywell International Inc.**

**December 2006**

**Prepared by**



**CH2MHILL**

# Executive Summary

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This report presents the results of the residential soil sampling conducted in 2006 to characterize the residential study area surrounding the former Celotex Corporation (Celotex) Site located at 2800 South Sacramento Avenue in Chicago, Illinois. The 2006 residential soil sampling supplements the previous residential soil sampling. The report has been prepared on behalf of Honeywell International Inc. (Honeywell) and to meet Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA) guidance. The work was completed in accordance with the Residential Soil Sampling Work Plan (CH2M HILL, June 2006) as approved by the United States Environmental Protection Agency (USEPA).

USEPA has defined the residential area requiring sampling as within the boundary set by Whipple Avenue, Sacramento Avenue, 28th Street, and 26th Street. In addition, Honeywell voluntarily agreed to perform sampling within a larger area, although no connection has been made between these areas and the site. The residential properties sampled are bounded by 26th Street to the north, Kedzie Avenue to the west, 31st Street to the south, and Sacramento Avenue to the east. This area is referred to as the "residential study area".

Sampling within this study area was conducted exclusively at residential properties. Parkways in particular were excluded from sampling due to the likelihood for high bias associated with these areas being used for roadway snow accumulation. Snow melt would likely deposit asphalt particulate, which would increase the PAH concentrations in surface soil. Although the parkways were not sampled, if residential lots associated with a particular parkway are identified for remedial action, the parkway will be included for remedial action as well.

Soil within areas of the residential properties with exposed surface and shallow subsurface soil was sampled. The sampling rationale used in this investigation adopted the five sampling points for a 5,000 square feet (or less) surface area as described in the USEPA August 2003 "Superfund Lead-Contaminated Residential Sites Handbook" modified to reflect the smaller lot and exposed surface area conditions within the residential study area.

Surface soil samples were collected from the 0 to 6-inch depth interval. To evaluate the vertical extent of PAHs, shallow subsurface soil samples were collected from the 6 to 24-inch and 24 to 36-inch depth intervals. Composite samples from each depth interval were collected to support a yard-specific result. One composite sample from each of the three depth intervals was collected from both the front yard and backyard of each residential property where both yards had exposed soil areas present.

All soil samples were analyzed by an independent analytical laboratory for polycyclic aromatic hydrocarbons using the USEPA Test Methods for Evaluating Solid Waste, Physical/Chemical Methods, SW846, Method 8270C, Semivolatile Organic Compounds by Gas Chromatography/Mass Spectrometry. The results are reported through calculation of the benzo(a)pyrene equivalent (BAPEQ) concentration in accordance with USEPA-approved procedures.

Remedial activities will be completed consistent with the Engineering Evaluation and Cost Analysis (EE/CA) report (Parsons, 2004), which is the USEPA-specified remedial alternatives analysis mechanism for evaluating non-time-critical removal actions under the Superfund Accelerated Cleanup Model (SACM).

Individual property results will be compiled and distributed, along with information on the cleanup process, to the respective property owners in coordination with USEPA.

A total of 146 residential properties were sampled during this and previous investigations. Of the remaining residential properties with open soil areas within the study area, only 30 were not sampled. These properties were not sampled either because the property owner declined permission to sample the property or the property owner and occupant(s) did not respond to requests in writing and in person for access. Other properties originally identified for sampling in the work plan were determined not to be residential or have no exposed soil areas, and therefore, were not sampled.

After receipt of the laboratory data, a data quality evaluation was conducted to meet the quality assurance/quality control (QA/QC) requirements identified within the Quality Assurance Project Plan (QAPP). The overall assessment of the data indicates that the completeness objectives were met for all method analyte combinations and the precision and accuracy of the data, as measured by the laboratory quality-control indicators, indicates that the project goals have been met.

A summary of the BAPEQ results for the residential study area are provided below.

Summary of BAPEQ Results  
Residential Study Area  
Former Celotex Site – Chicago, Illinois

Area <sup>1</sup>	No. Properties Sampled <sup>2</sup>	No. Properties with BAPEQ Results > 10 ppm (% of total)			
		Any Depth	0-6" bgs	6-24" bgs	24-36" bgs
NE	42	40 (95%)	38 (90%)	22 (52%)	4 (10%)
SW	44	37 (84%)	37 (85%)	7 (16%)	1 (2%)
Voluntary (NW)	60	14 (23%)	11 (18%)	5 (8%)	1 (2%)
Total	146	91 (62%)	86 (59%)	34 (23%)	6 (4%)

<sup>1</sup> Portion of Residential Study Area where NE = Northeast Quadrant, SW = Southwest Quadrant; NW = Northwest Area

<sup>2</sup> Residential properties sampled both in 2006 and during previous events

" bgs = inches below ground surface, ppm = parts per million

The USEPA has mandated cleanup of soils with BAPEQ results greater than 10 ppm in the northeast (NE) and southwest (SW) quadrants of the residential study area. Honeywell has volunteered to remove additional soils above 2 ppm BAPEQ to a maximum depth of three feet from residential properties within the NE and SW quadrants. Decisions as to how much soil is removed at individual properties and within the adjacent parkways will be based on the sampling results and property configuration. These details will be documented within the subsequent remedial action plan. Six residential properties located immediately to the west of the SW quadrant will also be cleaned up.

For the Northwest (NW) area, although there are PAHs in this area, the distribution and levels of PAHs do not indicate a connection to the Celotex site. USEPA has concurred with this conclusion. Nonetheless, Honeywell has volunteered to determine what action is needed and how it will be done. Honeywell will also look into whether, among other things, other resources are available to support a remedial action that would be consistent with the other residential cleanup activity and the timing.



# Contents

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<u>Section</u>	<u>Page</u>
<b>Executive Summary.....</b>	<b>ES-1</b>
<b>Acronyms and Abbreviations</b>	
<b>Introduction.....</b>	<b>1-1</b>
1.1    Purpose of the Report .....	1-1
1.2    Site Background.....	1-1
1.2.1    Site Description.....	1-1
1.2.2    Site History.....	1-2
1.2.3    Previous Investigations .....	1-2
1.2.4    Physical Characteristics of Study Area.....	1-2
1.3    Sampling Rationale .....	1-3
1.4    Report Organization .....	1-4
<b>Field Activities .....</b>	<b>2-1</b>
2.1    Property Delineation/ Owner Search .....	2-1
2.2    Site Access/Site Visits.....	2-1
2.3    Pre-Boring Assessments .....	2-2
2.4    Utility Locating .....	2-2
2.5    Sampling Activity .....	2-3
2.5    Sampling Equipment Decontamination.....	2-4
<b>Results of Residential Soil Sampling.....</b>	<b>3-1</b>
3.1    Sample Data Evaluation .....	3-1
3.2    Data Validation .....	3-2
3.3    BAPEQ Data .....	3-2
<b>Conclusions .....</b>	<b>4-1</b>
<b>References .....</b>	<b>5-1</b>

## List of Figures

- Figure 1-1    Site Location Map  
Figure 1-2    Aerial Photograph of Study Area  
Figure 2-1    Properties Within the Residential Study Area and those Sampled in 2006

## List of Tables

- Table 2-1    Unsampled Property List  
    Table 2-1a    South Sacramento Avenue  
    Table 2-1b    South Whipple Street  
    Table 2-1c    South Albany Avenue  
    Table 2-1d    South Troy Street  
    Table 2-1e    South Kedzie Avenue

**List of Tables (cont.)**

Table 2-2	Residential Sampling Narrative
Table 2-2a	South Sacramento Avenue
Table 2-2b	South Whipple Street
Table 2-2c	South Albany Avenue
Table 2-2d	South Troy Street
Table 2-2e	South Kedzie Avenue
Table 3-1	PAH Potency Factors
Table 3-2	Summary of BAPEQ Results

**List of Appendixes**

A	Residential Property Site Plans
B	Confidential Summary of Analytical Results
Figure B-1	BAPEQ Results Compared to 10 ppm
Figure B-2a	Northeast Quadrant Soil Sample Results (0-6 in bgs)
Figure B-2b	Northeast Quadrant Soil Sample Results (6-24 in bgs)
Figure B-2c	Northeast Quadrant Soil Sample Results (24-36 in bgs)
Figure B-3a	Southwest Quadrant Soil Sample Results (0-6 in bgs)
Figure B-3b	Southwest Quadrant Soil Sample Results (6-24 in bgs)
Figure B-3c	Southwest Quadrant Soil Sample Results (24-36 in bgs)
Figure B-4a	Northwest Area Soil Sample Results (0-6 in bgs)
Figure B-4b	Northwest Area Soil Sample Results (6-24 in bgs)
Figure B-4c	Northwest Area Soil Sample Results (24-36 in bgs)
Table B-1	2006 BAPEQ Data Summary
Table B-1a	South Sacramento Avenue
Table B-1b	South Whipple Street
Table B-1c	South Albany Avenue
Table B-1d	South Troy Street
Table B-1e	South Kedzie Avenue
Table B-2	Historic BAPEQ Data Summary
Table B-3	BAPEQ Results Greater Than or Equal to 10 ppm
Table B-4	BAPEQ Results Greater Than or Equal to 5 ppm
Table B-5	BAPEQ Results Greater Than or Equal to 2 ppm
Table B-6	Summary of 2006 PAH and QA/QC Data
C	Non-Property-Specific Summary of 2006 BAPEQ Results
Table C-1	2006 BAPEQ Data Summary
Table C-1a	Northeast Quadrant
Table C-1b	Southwest Quadrant
Table C-1c	Northwest Area
D	Confidential 2006 Data Validation Memorandum

# Acronyms and Abbreviations

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AOC	Administrative Order by Consent
BAPEQ	Benzo(a)pyrene Equivalents
CERCLA	Comprehensive Environmental Response, Compensation, and Liability Act
DIGGER	Chicago Utility Alert Network
DQO	data quality objective
EE/CA	<i>Engineering Evaluation, Cost Analysis</i>
ERM	Environmental Resources Management Group
ISGS	Illinois State Geological Survey
PAH	polycyclic aromatic hydrocarbons
PPM	parts per million
QAPP	Quality Assurance Project Plan
QA	Quality Assurance
QC	Quality Control
RASAP	Residential Area Sampling and Analysis Program
SACM	Superfund Accelerated Cleanup Model
USEPA	U.S. Environmental Protection Agency
USGS	U.S. Geological Survey

## SECTION 1

# Introduction

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This report presents the results of the residential soil sampling activities completed in 2006 for the residential study area surrounding the Former Celotex Site located at 2800 South Sacramento Avenue in Chicago, Illinois (Main Site). The report is being submitted on behalf of Honeywell International Inc. (Honeywell) in accordance with the U.S. Environmental Protection Agency (USEPA)-approved work plan and Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA) guidance.

Analytical results from this investigation were used to support decision-making related to residential remedial actions. The location of the Main Site and residential sampling area are illustrated on Figures 1-1 and 1-2.

This section presents an overview of the residential study area. Additional information, obtained from previous reports prepared for the Celotex site and the surrounding residential area, is available in the Residential Soil Sampling Work Plan (CH2M HILL, June 2006).

## 1.1 Purpose of the Report

This report presents the results of the 2006 residential soil sampling activities for the residential study area surrounding the Former Celotex Site. The primary objectives of the residential sampling investigation were to:

- Implement a field data collection program to further define the extent of polycyclic aromatic hydrocarbon (PAH) impacts within surface soil and shallow subsurface soil at residential properties surrounding the site, and
- Characterize residential properties on a lot-specific and depth-specific basis to support removal action planning based on benzo(a)pyrene equivalent (BAPEQ) concentrations.

The residential sampling report was completed in conformance with the provisions of CERCLA and follows the interim final *Guidance for Conducting Remedial Investigations and Feasibility Studies under CERCLA* (USEPA, 1988).

## 1.2 Site Background

### 1.2.1 Site Description

The subject residential study area (including the voluntary area) consists of the property within an area bounded by 26<sup>th</sup> Street to the north, Kedzie Avenue to the west, 31<sup>st</sup> Street to the south and Sacramento Avenue to the east. The residential study area encompasses approximately 58 acres not including the former Celotex site, which consists of 22 acres formerly owned by The Celotex Corporation (Celotex) and currently owned by Sacramento Corporation, and a 2-acre parcel to the south sometimes referred to as the Palumbo parcel and currently owned by Monarch Asphalt (Monarch).

The Site is situated amidst a multi-use area that includes residential, commercial, manufacturing, governmental, and industrial establishments. The Cook County Correctional Facility is located east of the Main Site, on the east side of Sacramento Avenue and the former Atkinson, Topeka & Santa Fe railroad line crosses a portion of the area to the northwest. Residential and commercial properties are located north and west of the site and industrial property is located to the south. The Chicago Sanitary and Ship Canal is located approximately 1,500 feet south of the Site.

### **1.2.2 Main Site History**

The Celotex site (Main Site) formerly housed several manufacturing-related buildings including a large warehouse, smaller storage sheds, an enclosed tank area, and an office building. All buildings and former facility features have been demolished and a soil cover was placed subsequent to demolition. The Main Site is currently surrounded by a chain-link fence with a single entrance located at the main gate on Sacramento Avenue. In 2002, Sacramento Corporation bought the 22-acre portion of the Celotex property and reportedly placed approximately 2 feet of gravel on the Main Site for parking trucks.

### **1.2.3 Previous Investigations**

Prior to execution of the 1996 Administrative Order of Consent (AOC), Environmental Resources Management-North Central, Inc. (ERM) performed a Residential Area Sampling and Analysis Program (RASAP) that encompassed over 100 soil samples collected from 57 residential properties located at varying distances from the Site (ERM, 1995). Composited surface soil samples were collected from each sampled property.

Following execution of the November 1996 AOC, the Phase II and III residential area investigations were performed based on the "Residential Area Conceptual Work Plan" (Parsons, May 1997). The findings and analytical data from these investigations are presented in the "Draft Phase II Residential Area Sampling Report," (Parsons, August 1998), and the "Draft Phase III Residential Area Sampling Report," (Parsons, June 1999).

The Engineering Evaluation and Cost Analysis (EE/CA) report (Parsons, 2004) was prepared to fulfill provisions in the 1996 AOC that required the Respondents to conduct an EE/CA to evaluate alternative removal actions pursuant to 40 Code of Federal Regulations 300.415 (b)(4)(I) and the Superfund Accelerated Cleanup Model (SACM) guidance. The EE/CA is the USEPA-specified remedial alternatives analysis mechanism for evaluating non-time-critical removal actions under SACM. The findings and data presented in the residential sampling reports form the basis for the evaluation of remedial alternatives presented in the EE/CA report.

The information and data presented in these reports is extensive and has not been repeated in this report.

### **1.2.4 Physical Characteristics of Study Area**

In 1990, the Illinois State Geological Survey (ISGS) researched information on the geology and hydrology of the area in which the residential study area is located (Parsons, October 1997). Site-specific geologic and hydrogeologic information was collected during the Main

Site investigation and confirmed the regional characteristics of the subsurface in the area (Parsons, 1997). The subsurface deposits consisted primarily of silts and clays.

### 1.3 Sampling Rationale

Data collected previously during the Phase I, II, and III residential sampling and new data collected as part of the 2006 residential soil sampling effort will be used for the following purposes:

- To assess the level of PAH impact on each residential property within the study area
- To assist in decision-making for the residential study area

The following property types were sampled:

- Occupied residential property
- Unoccupied residential property
- Vacant lots zoned for residential use

The following property types were not sampled:

- Industrial or commercial property
- Parkways (the landscaped/grassed area between the residential sidewalk and street)
- Alleyways, paved and unpaved
- Vacant lots adjacent to commercial or industrial property
- Vacant lots zoned for industrial or commercial use
- Other nonresidential property

This study used up to 5 sampling points for each property; with 1 to 2 locations in the front yard and 3 to 4 in the backyard. Vacant residential lots were sampled with five borings distributed across the entire lot. One composite sample from each depth interval was collected from the 5 borings drilled at the vacant residential lot. If an occupied lot and the adjacent vacant lot are owned by the same person(s) or entity, it was sampled as two individual lots, with one composite sample from each depth interval obtained from the front and back yard of the occupied lot and one composite sample obtained from the each depth interval from the adjacent vacant lot.

Surface soil samples were from the 0 to 6 inch depth interval with shallow subsurface soil samples collected from the 6 to 24 inch and 24 to 36 inch depth intervals. Sample aliquots from the boring locations in each yard were combined to form the composite sample from each depth interval. The depth intervals (or portions of depth intervals) in yards previously sampled by others were collected and analyzed if previous BAPEQ results were less than 10 ppm. The depth intervals not sampled previously were sampled and analyzed to evaluate vertical extent of PAHs.

Parkways in particular were excluded from sampling due to the likelihood for high bias associated with these areas being used for roadway snow accumulation. Although the parkways were not sampled, if residential lots associated with a particular parkway are identified for remedial action, the parkway will be included for remedial action as well.

The data collection scheme was designed to ensure that it met the residential sampling Data Quality Objectives (DQOs) in accordance with USEPA Region 5 requirements for site investigations following CERCLA guidance.

## 1.4 Report Organization

This Residential Sampling Report is organized as follows:

*Section 1, Introduction*, provides general background information regarding the site and residential soil sampling, summarizes the objectives of the investigation, outlines the sampling rationale, and report organization.

*Section 2, Field Activities*, provides an overview of the residential study area soil sampling procedures.

*Section 3, Results of the Residential Soil Sampling*, presents the analytical results from the 2006 residential study area soil sampling and reviews the data validation of the analytical results.

*Section 4, Conclusions and Recommendations*, presents the path forward following the completion of the residential sampling program.

*Section 5, References*, presents a listing of works referenced during compilation of the Residential Soil Sampling Report.

## SECTION 2

# Field Activities

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This section provides an overview of the 2006 residential soil sampling activities and procedures utilized to implement the field work. Field activities were conducted between June and October 2006. The majority of the soil samples were collected between July 21 and August 21, following the access agreement and pre-boring activities, with a few properties sampled on October 9 to accommodate property access restrictions.

## 2.1 Property Delineation/Owner Search

Representatives of Honeywell obtained the names and addresses of the property owners of record for the residential study area from public records. Following receipt of this information, CH2M HILL conducted a windshield survey of the residential study area to confirm the addresses, property type and use status, and location of individual properties. Figure 2-1 shows the distribution of properties and property addresses across the residential study area developed from this information.

## 2.2 Site Access/Site Visits

Site access to the residential properties was obtained in two ways:

- 1) A door-to-door survey of residential properties was conducted by representatives of Honeywell and the USEPA to contact each property owner and tenant in each property to obtain permission to conduct the soil sampling. Each property owner or tenant contacted during the door-to-door survey was provided with an information package describing the proposed investigation activities. If the resident was not present at the property, the information package was left at the property and the property was revisited a minimum of three times in an attempt to talk to the owner or occupants and obtain property access.
- 2) If the public records indicated that the property owner was not also a resident of each individual residential property, a letter was sent to the owner's address of record requesting access to the property. Follow-up phone calls were also made to the owners on the tax assessor records.

A total of 146 residential properties were sampled during this and previous investigations. Of the remaining residential properties with open soil areas within the study area, only 30 were not sampled. These properties were not sampled either because the property owner declined permission to sample the property or the property owner and occupant(s) did not respond to requests in writing and in person for access. Other properties originally identified for sampling in the work plan were determined not to be residential or have no exposed soil areas, and therefore, were not sampled.



Unsampled properties are listed from north to south by street in Tables 2-1a through 2-1e along with the reasons they were not sampled.

## 2.3 Pre-Boring Assessments

Once signed access agreements were obtained and prior to sampling, each property was visited to collect site information, and develop an address-specific sampling plan. A site checklist was utilized to obtain and document information collected for each property, including any input from property owners. The information recorded during the site visit included:

- Type of Property (fenced or open vacant lot, single family residential, multi-family residential/apartment)
- Occupancy
- Any access obstructions to the areas to be sampled (such as gates, fences, stairs, narrow passages between structures, or landscaping)
- If the owner/occupant has knowledge of the location of underground utility lines (water/sewer laterals, water meter, decorative lighting power lines, landscape sprinklers, etc.) on the property
- Property boundaries
- Lot dimensions and shape
- Alley access
- Alley Type and pavement present
- Number and type of structures present on property
- Location and size of paved areas
- Visible (overhead) or marked utilities
- Type and size of exposed soil areas (grass, weeds, bare soil, landscaped areas, gardens, planters, gravel-covered areas)
- Any areas that should not be sampled due to potential contamination from other PAH sources (e.g., asphalt shingled roof lines, barbeque or fire pits, vehicle maintenance or parking areas) <sup>1</sup>
- Any areas that the property owner does not want disturbed

A site plan with dimensions of site features was created for each property visited. These plans are included in Appendix A.

## 2.4 Utility Locating

In most cases prior to any onsite activity, a utility locate request was submitted to the Chicago Utility Alert Network (DIGGER) for each property scheduled for sampling. Since DIGGER only locate utilities to the property line, a private locating firm was utilized to locate utilities within each residential property boundaries. The private locating firm utilized the DIGGER marks in order to follow the utilities on to the property. In addition, the private locator also connected to exposed utility lines on the residential property (such as gas meters and water spigots) to locate utilities from the property building outward. In most cases the utility marks from both the private locator and DIGGER met at the property line, however sometimes the lines did not

<sup>1</sup>There may also be other potential sources that are not readily identifiable.

meet. In these cases, the marks of the private locator were used for the placement of boring locations.

On several occasions, the utilities for an individual residence was not marked by DIGGER after the required two business day/48-hour waiting period. On these occasions, only the private utility firm was used to locate the utilities on the property.

The water supply service line and natural gas lines were most often identified in the front yard of each residence. Electric wiring for decorative yard lighting was also identified at some properties in the front yards. Sewer laterals likely were also present in front yards of each residence, however since these lines are usually made of nonconductive materials (vitreous clay or PVC), these lines were not identified by the utility locator. Since these lines were at a greater depth than the depth of the soil borings, these lines were not at risk for damage from the soil sampling activities. In most cases the backyards were free of utilities except for underground electrical lines to the property garage. Overhead utilities consisting of electrical power, telephone, cable TV, and Internet access were present at each developed property. These lines in most cases connected the house to overhead lines and power poles in the alley.

## 2.5 Sampling Activity

Sampling at each property proceeded through the same general sequence of steps based on safe work practices and procedures, required soil sampling methods and procedures, and to minimize disruption and noise to the property occupants and neighborhood. The sampling crew worked with the property owners and occupants to minimize time and impact to each property.

Samples were collected using a 4-foot long Geoprobe® Macro-Core® sampler with dedicated polyethylene soil sleeves driven into the ground using an electric jackhammer. The sampler was removed from the ground using a vehicle floor jack. In locations where this equipment could not be used, a hand auger was utilized to collect soil samples.

The steps undertaken during the sampling activities are as follows:

- The field crew evaluated the property to determine if it was safe to enter. If the property could not be entered, the owner was contacted to determine if the conditions could be modified to allow entry.
- Using the available site information, the number and locations of soil borings were determined and marked. Locations were adjusted at the request of the owner.
- The field crew confirmed that the utility locate was conducted and all utility markings were present. No sampling activity was conducted until the utility locate was completed.
- The work area, exclusion zone, and decontamination area were established.
- The sampling equipment was moved to the first sampling location.
- Samples were collected starting from the rear portion of the backyard proceeding towards the front of the property. After the backyard was sampled, the front yard was

then sampled starting at the boring location closest to the property sidewalk (between the front and backyard).

- Once the sample was removed from the ground, the polyethylene sleeve containing soil was opened up and the soil was logged. An aliquot of the soil was placed in a decontaminated stainless steel bowl from each sampled interval.
- The sampling equipment was decontaminated, and moved to the next sampling location and the next sample was collected using the same methods as the first.
- After all the soil borings for a back or front yard were collected, the aliquots contained in the stainless steel bowls were thoroughly mixed, and the samples were placed in laboratory prepared jars, labeled, and placed on ice.
- After the last sample was collected, everything brought on the property was removed, including the sampling equipment, trash, and decontamination equipment.
- The 3-foot deep soil borings were refilled with any extra soil from the sample collection activities, topped off with topsoil purchased from a local garden shop or home store and hand compacted to minimize settling. The sod plug or other ground plug removed from each sample location was replaced.
- The location of each boring was measured relative to permanent site features such as property corners, fencing, or existing structures.
- Photographs of the boring locations and surrounding property were taken to document post-sampling conditions.

Boring locations were selected in a consistent manner for each similar property layout. The sampling rationale for each sampled property is contained in Tables 2-2a through 2-2e, where the tables are subdivided by street address and organized from north to south. The boring locations for each property are presented on the site plans in Appendix A.

## 2.5 Sampling Equipment Decontamination

All non-disposable sampling equipment was decontaminated after each use utilizing a laboratory grade detergent wash and distilled water rinse. Equipment blank samples were collected in accordance with quality assurance/quality control (QA/QC) requirements to ensure cross-contamination was not occurring.

## SECTION 3

# Results of Residential Soil Sampling

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This section discusses the procedures used to evaluate the analytical results from the 2006 residential soil samples collected within the residential study area surrounding the Main Site, reviews the data validation process completed for the analytical results, and summarizes the results from the 2006 and previous residential soil sampling events.

## 3.1 Sample Data Evaluation

Lancaster Laboratories Inc., a contracted independent laboratory, conducted the analyses of the soil samples. All soil samples were analyzed for polycyclic aromatic hydrocarbons using the USEPA Test Methods for Evaluating Solid Waste, Physical/Chemical Methods, SW846, Method 8270C, Semivolatile Organic Compounds by Gas Chromatography/Mass Spectrometry. The specific compounds reported consist of the following seven PAHs that contribute to the benzo(a)pyrene equivalent (BAPEQ) concentration:

- Benzo(a)anthracene
- Benzo(a)pyrene
- Benzo(b)fluoranthene
- Benzo(k)fluoranthene
- Chrysene
- Dibenz(a,h) anthracene
- Indeno(1,2,3-cd)pyrene

Analytical data was collected during this investigation in the form of laboratory analytical results. The results are presented through calculation of the BAPEQ concentration in accordance with USEPA-approved procedures. The BAPEQ concentration is the sum of the concentrations of seven PAH compounds, after each concentration is multiplied by that compounds relative potency (as compared to benzo(a)pyrene), as shown in Table 3-1 below.

**TABLE 3-1**  
PAH Potency Factors  
Residential Study Area  
Former Celotex Site – Chicago, Illinois

Compound	Relative Potency
Benzo(a)anthracene	0.1
Benzo(a)pyrene	1
Benzo(b)fluoranthene	0.1
Benzo(k)fluoranthene	0.01
Chrysene	0.001
Dibenz(a,h)anthracene	1

**TABLE 3-1**  
PAH Potency Factors  
Residential Study Area  
Former Celotex Site – Chicago, Illinois

Compound	Relative Potency
Indeno(1,2,3-cd)pyrene	0.1

Compounds that are non-detect were utilized in the calculation by the standard procedure of assigning the value at  $\frac{1}{2}$  of the method detection limit. Estimated values (J qualified) were used at the reported value. This BAPEQ calculation methodology was also applied to residential soil samples collected prior to 2006.

During the 2006 residential soil sampling, numerous localized source areas were observed that may have caused or increased the PAH concentrations in the sampled soil. It is highly likely that additional sources of PAHs, that could not be readily identified, are also present within the study area.

## 3.2 Data Validation

Validation of the analytical data generated during the 2006 residential soil sampling event was patterned after the USEPA *Contract Laboratory National Functional Guidelines for Organic Data Review* (1999). Areas of review include holding time compliance, calibration verification, blank results, matrix spike precision and accuracy, method accuracy as demonstrated by laboratory confirmation samples, field duplicate results, surrogate recoveries, internal standard performance, and interference checks. The data review and validation process is independent of the laboratory's checks and focuses on the usability of the data to support the project data interpretation and decision-making processes. The Data Evaluation is discussed in the memorandum contained in Appendix D.

The overall assessment of the data indicates that the completeness objectives were met for all method analyte combinations and the precision and accuracy of the data, as measured by the laboratory quality-control indicators, suggests that the project goals have been met.

## 3.3 BAPEQ Data

The individual PAH results obtained from the 2006 residential soil sampling event, along with the results from the historic residential soil sampling events, were converted to BAPEQ concentrations to support comparison and evaluation of the results. This data is summarized by portion of the overall residential study area (i.e., northeast quadrant, southwest quadrant, and voluntary area) in Table 3-2 below. The results are further subdivided by sample depth.

**TABLE 3-2**  
**Summary of BAPEQ Results**  
*Residential Study Area*  
*Former Celotex Site – Chicago, Illinois*

Area <sup>1</sup>	No. Properties Sampled <sup>2</sup>	No. Properties with BAPEQ Results > 10 ppm (% of total)			
		Any Depth	0-6" bgs	6-24" bgs	24-36" bgs
NE	42	40 (95%)	38 (90%)	22 (52%)	4 (10%)
SW	44	37 (84%)	37 (85%)	7 (16%)	1 (2%)
Voluntary (NW)	60	14 (23%)	11 (18%)	5 (8%)	1 (2%)
Total	146	91 (62%)	86 (59%)	34 (23%)	6 (4%)

<sup>1</sup> Portion of Residential Study Area where NE = Northeast Quadrant, SW = Southwest Quadrant; NW = Northwest Area

<sup>2</sup> Residential properties sampled both in 2006 and during previous events

" bgs = inches below ground surface, ppm = parts per million

The individual property results of the 2006 analyses (presented as BAPEQ) are contained in Appendix B, Tables B-1a through B-1e, organized from north to south by street. In addition, the historic residential soil sample results (as BAPEQ) are summarized in Appendix B, Table B-2. Appendix B, Tables B-3, B-4, and B-5 identify those properties with BAPEQ results greater than 10 ppm, 5 ppm, and 2 ppm, respectively, while Appendix B, Figure B-1 illustrates the distribution of properties with results greater than 10 ppm. Appendix B, Figures B-2a through B-4c illustrate the distribution of BAPEQ results by area and sample depth. A summary of the individual PAH results and QA/QC samples for the 2006 residential soil sampling is provided in Appendix B, Table B-6. This property-specific information contained in Appendix B is considered confidential.

A summary of the non-property-specific BAPEQ results for the three areas (NE, SW, and NW) are provided in Appendix C, Tables C-1a through C-1c.

Copies of the original analytical reports from 2006 provided by the independent analytical laboratory are available upon request.

## SECTION 4

# Conclusions

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The Residential Soil Sampling was completed in accordance with the USEPA-approved work plan (CH2M HILL, June 2006) and produced analytical results that met the specified quality objectives. The results of this investigation were used to support the decisions made for the residential removal actions that are outlined below. The removal actions will take place in Spring 2007.

The USEPA has mandated cleanup of soils with BAPEQ results greater than 10 ppm in the northeast (NE) and southwest (SW) quadrants of the residential study area. Honeywell has volunteered to remove additional soils above 2 ppm BAPEQ to a maximum depth of three feet within the NE and SW quadrants. Decisions as to how much soil is removed at individual properties and within the adjacent parkways will be based on the sampling results and property configuration. These details will be documented within the subsequent remedial action plan. Six residential properties located immediately to the west of the SW quadrant will also be cleaned up.

For the Northwest (NW) area, although there are PAHs in this area, the distribution and levels of PAHs do not indicate a connection to the Celotex site. USEPA has concurred with this conclusion. Nonetheless, Honeywell has volunteered to determine what action is needed and how it will be done. Honeywell will also look into, among other things, whether any other resources are available to support a remedial action that would be consistent with the other residential cleanup activity and the timing.

Remedial activities will be completed consistent with the EE/CA Report (Parsons, 2004), which is the USEPA-specified remedial alternatives analysis mechanism for evaluating non-time-critical removal actions under SACM.

Individual property results will be compiled and distributed, along with information on the cleanup process, to the respective property owners in coordination with USEPA.

## SECTION 5

# References

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Environmental Resources Management-North Central, Inc., October 1995, Data Report, Residential Soil Sampling, Celotex Site, Chicago, Illinois.

Parsons Engineering Science, Inc., October 1997, Data Report for the Engineering Evaluation and Cost Analysis of the 2800 South Sacramento Avenue Site.

Parsons Engineering Science, Inc., August 1998, Draft Phase II Residential Area Sampling Report for the Engineering Evaluation and Cost Analysis of the 2800 South Sacramento Avenue Site.

Parsons Engineering Science, Inc., June 1999, Draft Phase III Residential Area Sampling Report for the Engineering Evaluation and Cost Analysis of the 2800 South Sacramento Avenue Site.

U.S. Environmental Protection Agency, Test Methods for Evaluating Solid Waste, Physical/Chemical Methods, SW846, Method 8270C, Semivolatile Organic Compounds by Gas Chromatography/Mass Spectrometry.

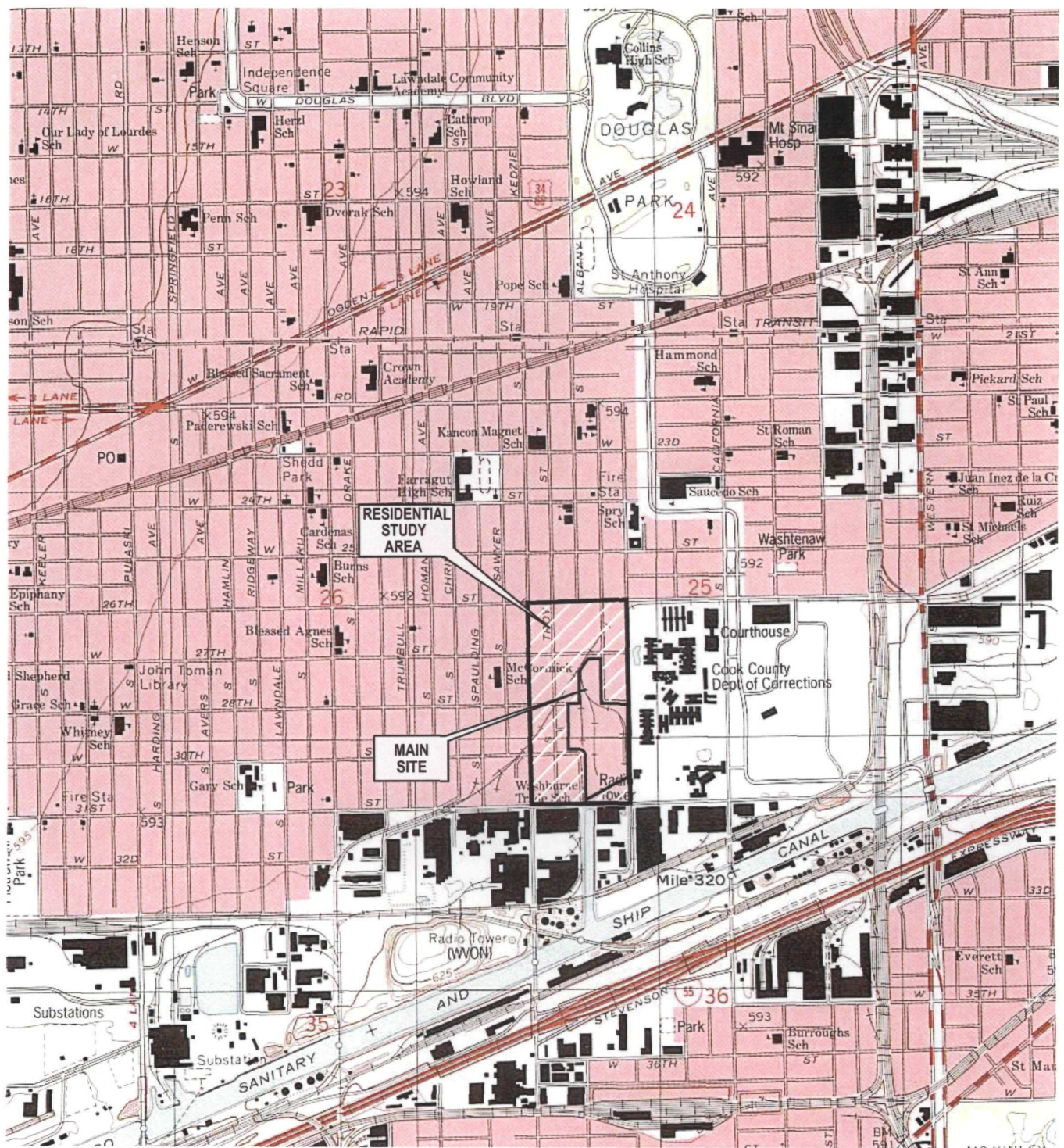
U.S. Environmental Protection Agency, 1988, Guidance for Conducting Remedial Investigations and Feasibility Studies under CERCLA, Interim Final.

U.S. Environmental Protection Agency, 1999, Contract Laboratory Program National Functional Guidelines for Inorganic Data Review.

U.S. Environmental Protection Agency, 1993 Guidance on Conducting Non-Time-Critical Removal Actions under CERCLA.

U.S. Environmental Protection Agency, Lead Sites Workgroup, August 2003, Superfund Lead-Contaminated Residential Sites Handbook.

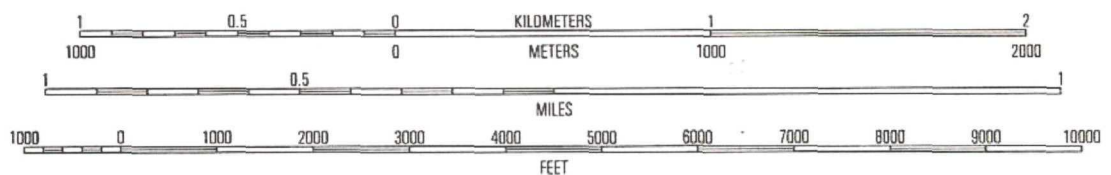




SCALE 1:24 000



Quadrangle Location



NOTE: Soil sampling within the Northeast and Southwest Residential Areas is required by USEPA. Honeywell has voluntarily agreed to perform residential soil sampling within the larger area identified as the Residential Study Area.

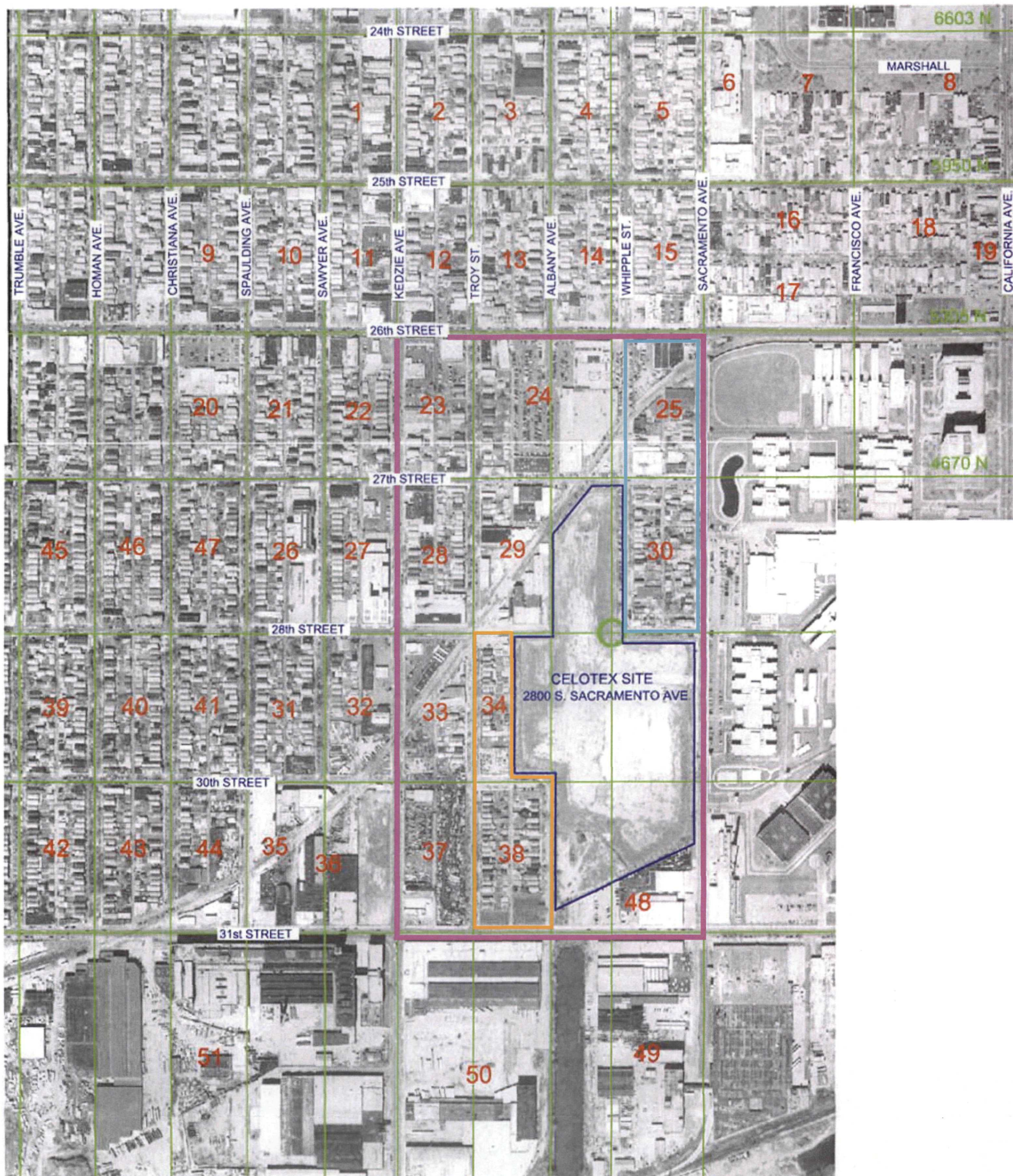


Source: U.S.G.S. 7.5-Minute Quadrangle for Englewood, Illinois, 1997  
E327757.CE.10.1 Fig. 1-1\_Celotex\_042106\_v8 12-4-06 lgr/jls

Figure 1-1  
**Site Location Map**  
**Residential Study Area**  
Near Former Celotex Site—Chicago, Illinois

**CH2MHILL**





# LEGEND

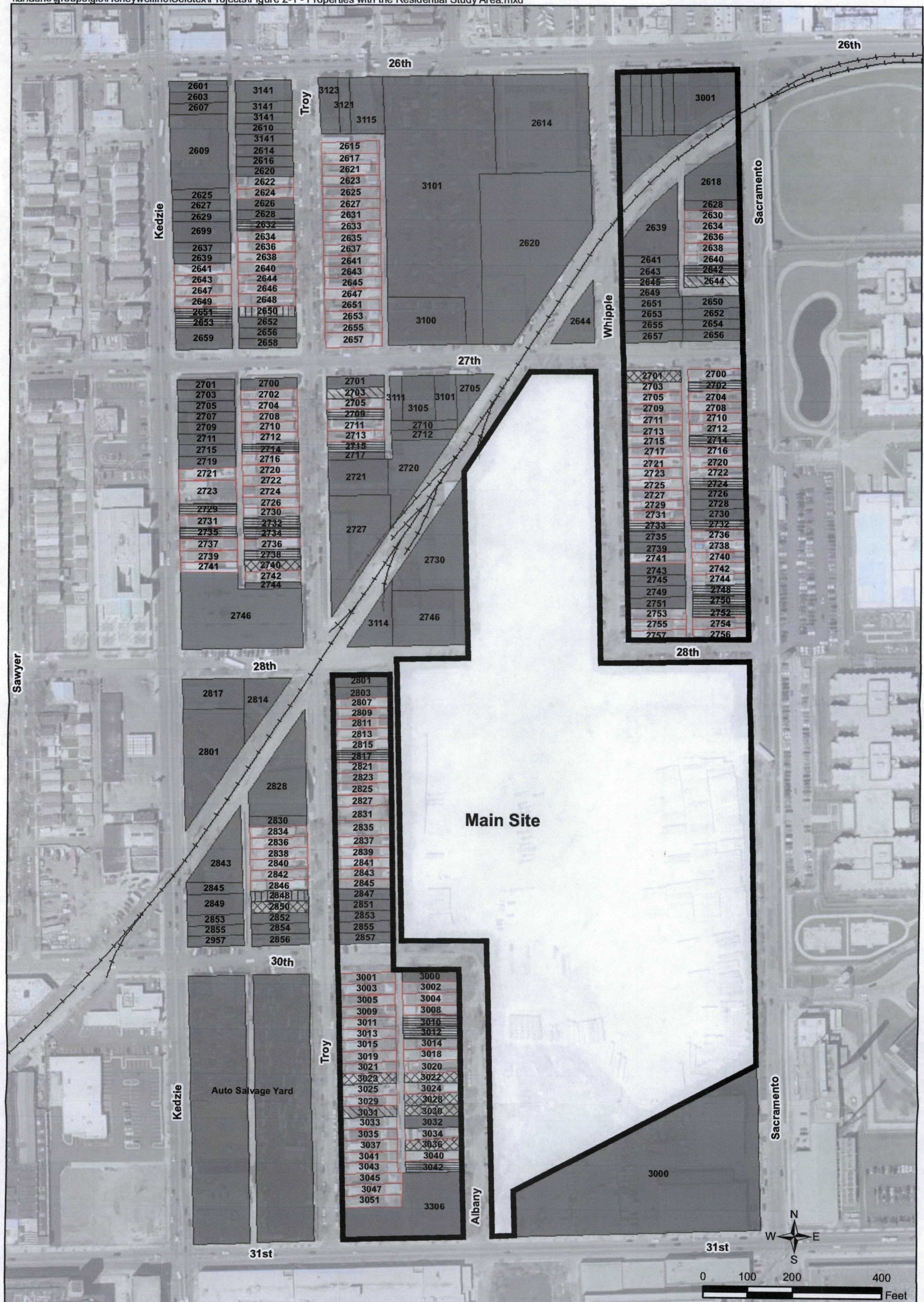
- 27** Block Number
- Northing and Easting Lines
- Main Site
- Northeast Residential Area
- Southwest Residential Area
- Residential Sampling Area

**NOTE:** Soil sampling within the Northeast and Southwest Residential Areas is required by USEPA. Honeywell has voluntarily agreed to perform residential soil sampling within the larger area identified as the Residential Study Area.



Figure 1-2  
Aerial Photograph of Study Area  
Residential Study Area  
Near Former Celotex Site—Chicago, Illinois





**Figure 2-1**  
**Properties within the Residential Study Area**  
**and those Sampled in 2006**  
 Residential Study Area  
 Near Former Celotex Site - Chicago, Illinois

**CH2MHILL**



**TABLE 2-1a**  
**Unsampled Property List - South Sacramento Avenue**  
 Residential Study Area  
 Near Former Celotex Site - Chicago, Illinois

Project ID Number	Street Number	Street	Reason for Not Sampling Property
155	2642	S. Sacramento Ave	Owners are deceased; No response from owner's son or tenants, information package left with resident of 2640 South Sacramento
156	2644	S. Sacramento Ave	Owner doesn't want testing done
NA	2648-2656	S. Sacramento Ave	Industrial property
157	2702	S. Sacramento Ave	Spoke to husband and son, no response from wife, tenant won't sign until owner does
162	2714	S. Sacramento Ave	No response from owner, information packet left with brother of owner
166	2724	S. Sacramento Ave	No response from owner until after sampling was complete (access agreement received 10/21/06) , tenants signed access agreement
NA	2726-2730	S. Sacramento Ave	Landscaping business
167	2732	S. Sacramento Ave	Consent received from the wife of one of the owners, but husband did not want sampling to start until he discussed the sampling with us. No response from husband after multiple attempts to contact him via site visits and telephone calls
173	2748	S. Sacramento Ave	No response from owner or tenants, multiple visits
174	2750	S. Sacramento Ave	No response from owner or tenants, multiple visits
175	2752	S. Sacramento Ave	Access agreement letter sent to absentee owner, no response

NA - Not Assigned, property not originally identified as residential

**TABLE 2-1b**  
**Unsampled Property List - South Whipple Street**  
 Residential Study Area  
*Near Former Celotex Site - Chicago, Illinois*

Project ID Number	Street Number	Street	Reason for Not Sampling Property
130	2645	S. Whipple	Access agreement letter sent to owner, no response, tenant signed agreement
131	2701	S. Whipple	No exposed soil
145	2733	S. Whipple	No response from owner, left information package, husband at home for only limited hours, attempted to contact via phone call without success
NA	2735-2739	S. Whipple	Cell phone tower
NA	2743-2751	S. Whipple	Auto repair business

NA - Not Assigned, property not originally identified as residential

**TABLE 2-1c****Unsampled Property List - South Albany Avenue**

Residential Study Area

*Near Former Celotex Site - Chicago, Illinois*

Project ID Number	Street Number	Street	Reason for Not Sampling Property
NA	3000	South Albany	Office Building, not residential
117	3010	South Albany	No response from owner or tenants, property looks abandoned, left information package
118	3012	South Albany	No response from owner or tenants, left information package
121	3022	South Albany	No open soil areas
124	3028	South Albany	No open soil areas, all pavement except for a tree
125	3030	South Albany	No open soil areas
NA	3032	South Albany	Laminating business, not residential
127	3036	South Albany	No open soil areas
129	3042	South Albany	Owner out of the country; conducted multiple follow up visits and calls and no response from owner or tenants

NA - Not Assigned, property not originally identified as residential

**TABLE 2-1d**  
**Unsampled Property List - South Troy Street**  
 Residential Study Area  
 Near Former Celotex Site - Chicago, Illinois

Project ID Number	Street Number	Street	Reason for Not Sampling Property
NA	2626-2628	South Troy	Grocery store asphalt parking lot
NA	2632	South Troy	No response from owner or tenants
40	2650	South Troy	Access agreement signed on 7/6/2006, but never able to enter property (gate locked) and were unable to arrange access for sampling.
NA	2652-2658	South Troy	Industrial property
NA	2700	South Troy	Commercial property
44	2701	South Troy	Owner signed access agreement on 6/20/2006, site inspection indicated a vacant lot with asphalt grindings used as ground cover.
46	2703	South Troy	Owner declined on 7/12/2006
50	2709	South Troy	No response from owner or tenants after multiple attempts
55	2714	South Troy	No response from owner or tenants, left information packet
56	2715	South Troy	Owner too busy to talk on 7/6/06, left information package, no further response from owner
NA	2717	South Troy	Property address is an alley entrance
NA	2721	South Troy	Industrial/commercial property
NA	2727	South Troy	Industrial property
63	2732	South Troy	Spoke w/ father-in-law of owner, left information packet, owner works 2 jobs, no further response
64	2734	South Troy	Spoke with owner, left information packet, husband declines access verbally
66	2738	South Troy	No response from owner or tenants, left information packet
67	2740	South Troy	No open soil areas
NA	2744	South Troy	Property is an alley entrance
NA	2746	South Troy	Industrial property
178	2801	South Troy	Industrial property/vehicle parking
179	2803	South Troy	Industrial property/vehicle parking
74	2817	South Troy	Left information packet with neighbor at 2815 South Troy, no response from owner or tenants
NA	2828	South Troy	Industrial property
NA	2830	South Troy	Industrial property
NA	2847-2857	South Troy	Industrial property - paving company
90	2848	South Troy	Access agreement signed on 8/10/2006, unable to arrange access for sampling
91	2850	South Troy	No open soil areas
92	2852-2856	South Troy	Industrial property
102	3023	South Troy	No open soil areas

**TABLE 2-1e**  
**Unsampled Property List - South Kedzie Avenue**  
 Residential Study Area  
*Near Former Celotex Site - Chicago, Illinois*

Project ID Number	Street Number	Street	Reason for Not Sampling Property
4	2651	S. Kedzie Ave.	No response from owner or tenants, letter sent to absentee owner, gate always locked
5	2653	S. Kedzie Ave.	No response from owner, one tenant signed access agreement, left information package for second floor tenant and owner, owner out of the country
NA	2657/2659	S. Kedzie Ave.	Auto Repair Business
7	2723	S. Kedzie Ave.	Property is a double lot with a front yard on northern half. Site building (residence and auto repair business) covers remainder of northern half of the property. Southern half of property is an auto repair business and was not sampled.
8	2729	S. Kedzie Ave.	Briefly spoke to owner one time; never able to arrange follow up conversation. Left information package; no response from owner or tenants
10	2735	S. Kedzie Ave.	Owner never kept appointments to discuss sampling. Left information package, bu no response

NA - Not Assigned, property not orginally identified as residential



**TABLE 2-2a****Residential Sampling Narrative - South Sacramento Avenue**

Residential Study Area

Near Former Celotex Site - Chicago, Illinois

Project ID Number	Street Number	Street	Sampling Narrative
150	2630	S. Sacramento Ave	Front yard is paved; three borings drilled in backyard
151	2634	S. Sacramento Ave	Front yard is paved; three borings drilled in backyard.
152	2636	S. Sacramento Ave	Vacant lot; 5 borings distributed across lot, avoiding vehicle parking areas
153	2638	S. Sacramento Ave	Two borings in the front yard and three borings in the backyard.
154	2640	S. Sacramento Ave	Two borings in the front yard and three borings in the backyard
NA	2700	S. Sacramento Ave	Two borings drilled in front grassed area and three borings drilled in grassed area on north edge of property. Petroleum odor detected in soil.
158	2704	S. Sacramento Ave	No backyard; five borings drilled in front yard
159	2708	S. Sacramento Ave	No backyard; five borings drilled in front yard
160	2710	S. Sacramento Ave	Two borings placed in front yard; three borings placed in backyard. Front yard borings placed in bare soil areas.
161	2712	S. Sacramento Ave	Two borings placed in front yard; three borings placed in backyard. Gravel ground cover in front yard pushed aside to drill borings.
163	2716	S. Sacramento Ave	Brick pavers present in front yard: no samples collected. Three borings placed in backyard.
164	2720	S. Sacramento Ave	Two borings placed in front yard and three borings placed in backyard. Borings in front yard located to avoid underground decorative light wiring. Backyard borings placed east of concrete vehicle parking area and adjacent bare soil to avoid potential runoff contamination.
165	2722	S. Sacramento Ave	No backyard present; three borings drilled in front yard
168	2736	S. Sacramento Ave	Two borings drilled in front yard and one boring drilled in narrow backyard. Front yard contained bare soil and numerous concrete pavers. Backyard consisted of bare soil and gravel located in narrow open area between house and garage.
169	2738	S. Sacramento Ave	Two borings placed in front yard. Backyard is paved with concrete and not sampled.
170	2740	S. Sacramento Ave	Three borings placed in a larger than usual front yard and two borings placed in the backyard.
171	2742	S. Sacramento Ave	Two borings placed in front yard and three borings placed in back yard. Both front and back yards smaller than typical lot due to brick pavers and concrete pavement.
172	2744	S. Sacramento Ave	Three borings placed in front yard and two borings placed in the backyard. Backyard accessible through laundry room or through alley. Backyard mostly bare soil with swing set and play area. Backyard prone to flooding due to poor drainage.
176	2754	S. Sacramento Ave	Vacant lot. Five soil borings distributed across lot area. Boring offsets required due to subsurface obstructions. Moderate amount of surface debris.

**TABLE 2-2a****Residential Sampling Narrative - South Sacramento Avenue**

Residential Study Area

*Near Former Celotex Site - Chicago, Illinois*

Project ID Number	Street Number	Street	Sampling Narrative
177	2756	S. Sacramento Ave	No front yard. Backyard sampled by two borings due to too minimal exposed soil area. Concrete paving, pavers and planking present in backyard.

NA - Not Assigned, property not originally identified as residential

**TABLE 2-2b****Residential Sampling Narrative - South Whipple Street**

Residential Study Area

Near Former Celotex Site - Chicago, Illinois

Project ID Number	Street Number	Street	Sampling Narrative
132	2703	S. Whipple	Two borings placed in the front yard and three borings placed in the backyard.
133	2705	S. Whipple	Front yard paved with concrete; no samples collected. Three borings placed in backyard. Northern half of a double lot with 2709 South Whipple.
134	2709	S. Whipple	Vacant lot. Five borings distributed across lot area. Southern half of a double lot with 2705 South Whipple
135	2711	S. Whipple	Two borings placed in the front yard and three borings placed in the backyard. Central area of backyard covered with brick pavers. Backyard samples collected in perimeter raised planters.
136	2713	S. Whipple	Vacant lot. Five borings distributed across lot area including one boring in east end garden. Northern half of double lot with 2715 South Whipple
137	2715	S. Whipple	Two borings placed in the front yard and three borings placed in the backyard. Southern half of a double lot with 2713 South Whipple
138	2717	S. Whipple	Two hand auger borings drilled in the front yard to collect samples due to low overhead clearance from entrance stairway and deck. Water service line prevented sample collection in area without overhead obstruction. Two borings placed in narrow backyard between house and garage.
139	2721	S. Whipple	Two borings placed in the front yard and three borings placed in the backyard.
140	2723	S. Whipple	Only one soil boring placed in front yard for sample collection due to dense growth of plants. Three soil borings placed in backyard adjacent to bare soil areas between dense plant growth.
141	2725	S. Whipple	Two borings placed in front yard for sample collection. Front yard surface has variable elevation. Backyard currently under construction, apparently stripped of surface soils, vegetation; and not sampled.
142	2727	S. Whipple	Two borings placed in the front yard and three borings placed in the backyard.
143	2729	S. Whipple	Two borings placed in the front yard and 3 borings placed in the backyard
144	2731	S. Whipple	Two borings placed in the front yard and 3 borings placed in the backyard
146	2741	S. Whipple	Two borings placed in the front yard and 3 borings placed in the backyard. Majority of backyard area cultivated for residential garden.

**TABLE 2-2b****Residential Sampling Narrative - South Whipple Street**

Residential Study Area

*Near Former Celotex Site - Chicago, Illinois*

Project ID Number	Street Number	Street	Sampling Narrative
147	2753	S. Whipple	Two borings were placed in the front yard and 3 borings were placed in the backyard. The central portion of the back yard is paved with concrete. The soil borings in the backyard were placed in perimeter planter areas along the north and south property boundaries.
148	2755	S. Whipple	No front yard is present. Three borings were placed in the backyard for sample collection. No garage is present on this property, however, footings for future garage construction have been excavated. Soil borings were placed in the grass and bare soil area between residence and proposed garage area.
149	2757	S. Whipple	No front yard is present. Three soil borings were placed in the backyard.

**TABLE 2-2c**  
**Residential Sampling Narrative - South Albany Avenue**  
 Residential Study Area  
 Near Former Celotex Site  
 Chicago, Illinois

Project ID Number	Street Number	Street	Sampling Narrative
114	3002	South Albany	Vacant lot. Five borings distributed across the grassed areas of the lot. Gravel area on the west side of lot not sampled. Northern half of a double lot with 3004 South Albany
115	3004	South Albany	Two borings placed in the front yard and three borings placed in the backyard. Southern half of a double lot with 3002 South Albany.
116	3008	South Albany	Two borings placed in the front yard and three borings placed in the backyard.
119	3014	South Albany	Two borings placed in the front yard and three borings placed in the backyard.
120	3018	South Albany	Two borings placed in the front yard and two borings placed in the backyard. Back yard grassed area similar in size to front yard. Subsurface drainage pipes for concrete area in back yard further reduced backyard area available for sampling; therefore only two samples were collected in backyard.
121	3020	South Albany	Undeveloped lot with raised concrete vehicle parking area at west end. Five borings distributed across the grassed areas of the lot. Gravel area on the west side of lot not sampled. Northern half of a double lot with 3022 South Albany. 3022 South Albany does not have any exposed soil areas and was not sampled.
123	3024	South Albany	Two borings placed in the front yard and three borings placed in the backyard.
126	3034	South Albany	Two borings placed in the front yard and three borings placed in the backyard. A significant portion of the front yard is covered with brick pavers. Borings drilled through unpaved areas. Backyard borings placed to avoid roofing debris pile.
128	3040	South Albany	Two borings placed in the front yard and three borings placed in the backyard.

**TABLE 2-2d****Residential Sampling Narrative - South Troy Street**

Residential Study Area

Near Former Celotex Site - Chicago, Illinois

Project ID Number	Street Number	Street	Sampling Narrative
16	2615	South Troy	No front yard. Three borings drilled in the backyard.
17	2617	South Troy	Two borings placed in the front yard and three borings placed in the backyard. Backyard borings placed in garden areas on the north side of the property. Remaining areas of the backyard are paved.
18	2621	South Troy	Large front yard only. Three borings drilled in the front yard.
19	2622	South Troy	Two borings placed in the front yard and three borings placed in the backyard. Backyard borings placed in bare soil areas adjacent to several large fruit trees.
20	2623	South Troy	Two borings placed in the front yard and three borings placed in the backyard.
21	2624	South Troy	Two borings placed in the front yard and three borings placed in the backyard.
22	2625	South Troy	Two borings placed in the front yard and three borings placed in the backyard. Backyard borings placed in bare soil areas between concrete pavement, brick pavers, and inflatable swimming pool.
23	2627	South Troy	Two borings placed in the front yard. Majority of backyard is paved with concrete. Two borings placed in a small grassed area along the northern property boundary in the backyard.
25	2631	South Troy	Two borings placed in the front yard and three borings placed in the backyard.
26	2633	South Troy	Two borings placed in the front yard and three borings placed in the backyard. All paved areas of the property are brick.
27	2634	South Troy	Two borings placed in the front yard and three borings placed in the backyard.
28	2635	South Troy	Two borings placed in the front yard and three borings placed in the backyard. Backyard borings placed in small garden and adjacent to concrete pad for inflatable swimming pool.
29	2636	South Troy	Two borings placed in the front yard and three borings placed in the backyard. Front yard borings placed between dense ornamental plants.
30	2637	South Troy	Two borings placed in the front yard and three borings placed in the backyard.
31	2638	South Troy	Vacant lot. Five borings placed along the perimeter areas of the property to avoid the central gravel parking areas. Property is the north half of a double lot with 2640 South Troy.
32	2640	South Troy	Vacant lot. Five soil borings distributed across lot area. Property is the south half of a double lot with 2638 South Troy.
33	2641	South Troy	Two borings placed in the front yard and three borings placed in the backyard.
34	2643	South Troy	Two borings placed in the front yard and three borings placed in the backyard.

**TABLE 2-2d****Residential Sampling Narrative - South Troy Street**

Residential Study Area

Near Former Celotex Site - Chicago, Illinois

Project ID Number	Street Number	Street	Sampling Narrative
35	2644	South Troy	Two borings placed in the front yard. No borings placed in the backyard due to the presence of asphalt grindings used as a ground cover.
36	2645	South Troy	Two borings placed in the front yard and three borings placed in the backyard.
37	2646	South Troy	Two borings placed in the front yard. Backyard is paved with concrete.
38	2647	South Troy	Two borings placed in the front yard. Backyard is paved with concrete. Property is the north half of a double lot with 2651 South Troy.
39	2648	South Troy	Two borings placed in the front yard and three borings placed in the backyard.
NA	2651	South Troy	Vacant lot. Five soil borings distributed across lot area. Property is the south half of a double lot with 2647 South Troy.
41	2653	South Troy	Two borings placed in the front yard and three borings placed in the backyard. Front yard borings placed under entrance way stairs and deck. Backyard is densely planted with ornamental and garden plants.
42	2655	South Troy	Two borings placed in the front yard and three borings placed in the backyard.
43	2657	South Troy	Three borings drilled in the side yard on the northern property boundary. Property has no front or back yard.
45	2702	South Troy	Two borings placed in the front yard. Backyard is paved with concrete. Property is the north half of a double lot with 2651 South Troy.
47	2704	South Troy	Two borings placed in the front yard and three borings placed in the backyard. The front yard has gravel ground cover. Backyard borings placed around perimeter of grassed and bare soil vehicle parking area.
48	2705	South Troy	Two borings placed in the front yard and three borings placed in the backyard.
49	2708	South Troy	Two borings drilled in front yard between brick pavers. No borings attempted in the backyard due to overgrown vegetation and debris present.
51	2710	South Troy	Two borings placed in the front yard and three borings placed in the backyard.
52	2711	South Troy	Front yard is paved with concrete. Three borings placed in the backyard.
53	2712	South Troy	Two borings placed in the front yard and three borings placed in the backyard.
54	2713	South Troy	Three borings placed in the large front yard and two borings placed in the small backyard. Petroleum odor detected in one backyard boring between 28 and 29 inches below ground surface; sample not collected from interval.

**TABLE 2-2d****Residential Sampling Narrative - South Troy Street**

Residential Study Area

*Near Former Celotex Site - Chicago, Illinois*

Project ID Number	Street Number	Street	Sampling Narrative
57	2716	South Troy	Two borings placed in the front yard. Backyard is paved with concrete.
58	2720	South Troy	Two borings placed in the front yard and three borings placed in the backyard.
59	2722	South Troy	Two borings placed in the front yard and three borings placed in the backyard. Backyard borings located east of garage area debris piles.
60	2724	South Troy	Two borings placed in the front yard and three borings placed in the backyard.
61	2726	South Troy	Two borings placed in the front yard and three borings placed in the backyard. Front yard has gravel ground cover with underground wiring for decorative lights. Property is the North half of a double locked with 2730 South Troy.
62	2730	South Troy	Vacant lot. Five borings distributed across property except for the western vehicle parking area. Asphalt grindings used for ground cover for vehicle parking area.
65	2736	South Troy	Two borings placed in the front yard and three borings placed in the backyard.
68	2742	South Troy	Two borings placed in the front yard and three borings placed in the backyard. Raised vehicle parking area not sampled. Southern boundary is adjacent to the alley exit.
69	2807	South Troy	One boring drilled in round front yard planter and two borings drilled in narrow rectangular planter along northern property boundary in back yard. Remaining front and backyard areas are concrete paved.
70	2809	South Troy	Two borings placed in the front yard and three borings placed in the backyard.
71	2811	South Troy	Two borings placed in the front yard and three borings placed in the backyard.
72	2813	South Troy	Two borings placed in the front yard and three borings placed in the backyard.
73	2815	South Troy	Two borings placed in the front yard and three borings placed in the backyard.
75	2821	South Troy	Two borings placed in the front yard and three borings placed in the backyard. Front yard borings placed in open areas between brick pavers
76	2823	South Troy	Two borings placed in the front yard and three borings placed in the backyard. Front yard consists of a small rectangle area along the northern property boundary.
77	2825	South Troy	Front yard is concrete paved. Three borings placed in backyard
78	2827	South Troy	Vacant lot. Five borings distributed across property except for the central gravel area. Property is the northern half of a double lot with 2831 South Troy.
79	2831	South Troy	Vacant lot. Five borings distributed across property except for the central gravel area. Property is the southern half of a double lot with 2831 South Troy.



**TABLE 2-2d****Residential Sampling Narrative - South Troy Street**

Residential Study Area

Near Former Celotex Site - Chicago, Illinois

Project ID Number	Street Number	Street	Sampling Narrative
80	2834	South Troy	Three borings placed in the large front yard and two borings placed in the small backyard.
81	2835	South Troy	One boring was placed in the front yard, one boring was placed in a side yard on the north side of the property contiguous with the front yard (adjacent to a swingset), and three borings were placed in the backyard.
82	2836	South Troy	Two borings placed in the front yard and three borings placed in the backyard. Property is the northern lot of a triple lot with 2838 and 2840 South Troy.
83	2837	South Troy	Two borings placed in the front yard and three borings placed in the backyard. The majority of the back yard is a raised brick paved vehicle parking area.
NA	2838	South Troy	Vacant lot. Five borings distributed across property except for the gravel areas. Property is the central lot of a triple lot with 2836 and 2840 South Troy.
84	2839	South Troy	Two borings placed in the front yard and three borings placed in the backyard. front
NA	2840	South Troy	Vacant lot. Five borings distributed across property except for the gravel areas. Property is the southern lot of a triple lot with 2836 and 2840 South Troy. The Cook County Tax Assessor groups 2838 and 2840 South Troy as one property under the address of 2838 South Troy.
85	2841	South Troy	Two borings placed in the front yard. Backyard is paved with concrete.
86	2842	South Troy	Two borings placed in the front yard and three borings placed in the backyard. Most of the back yard is concrete paved patio and vehicle parking area.
87	2843	South Troy	Two borings placed in the front yard and three borings placed in the backyard. Property is the northern half of the double lot with 2845 South Troy.
88	2845	South Troy	Vacant lot. Five soil borings distributed across lot area. Property is the southern half of a double lot with 2843 South Troy.
89	2846	South Troy	Two borings placed in the front yard. Backyard is paved with concrete.
93	3001	South Troy	Vacant lot. Five soil borings distributed across lot area. Property is the northern half of a double lot with 3003 South Troy.
94	3003	South Troy	Two borings placed in the front yard and three borings placed in the backyard. Property is the southern half of the double lot with 3001 South Troy.
95	3005	South Troy	Two borings placed in the front yard and three borings placed in the backyard. Front yard has gravel and brick pavers as groundcover.
96	3009	South Troy	Two borings placed in the front yard and three borings placed in the backyard.
97	3011	South Troy	Two borings placed in the front yard and three borings placed in the backyard.

**TABLE 2-2d****Residential Sampling Narrative - South Troy Street**

Residential Study Area

Near Former Celotex Site - Chicago, Illinois

Project ID Number	Street Number	Street	Sampling Narrative
98	3013	South Troy	Two borings placed in the front yard and three borings placed in the backyard. Front yard borings placed in a raised planter. Back yard borings placed in two planters on the north and south property boundary.
99	3015	South Troy	Two borings placed in the front yard and three borings placed in the backyard.
100	3019	South Troy	Two borings placed in the front yard and three borings placed in the backyard.
101	3021	South Troy	Two borings placed in the front yard and three borings placed in the backyard. Front yard has a gravel ground cover. A significant amount of construction debris are present in the backyard.
103	3025	South Troy	Two borings placed in the front yard and three borings placed in the backyard.
104	3029	South Troy	Two borings placed in the front yard and three borings placed in the backyard.
106	3033	South Troy	Two borings placed in the front yard and three borings placed in the backyard. A portion of the front yard is gravel-covered.
107	3035	South Troy	Two borings placed in the front yard and three borings placed in the backyard.
108	3037	South Troy	Two borings placed in the front yard and three borings placed in the backyard. A portion of the front yard is gravel-covered.
109	3041	South Troy	Two borings placed in the front yard and three borings placed in the backyard.
110	3043	South Troy	Two borings placed in the front yard and three borings placed in the backyard. A portion of the front yard is gravel-covered. The property is the northern half of a double lot with 3045 South Troy.
111	3045	South Troy	Vacant lot. Five soil borings distributed across lot area, excluding vehicle parking area on the east side. Property is the southern half of a double lot with 3043 South Troy.
112	3047	South Troy	Two borings placed in the front yard and three borings placed in the backyard. Front yard borings placed in a raised planter. Back yard borings placed in two planters on the north and south property boundary.
113	3051	South Troy	Front yard is paved except for a small raised planter with a tree and was not sampled. A side yard on the south property boundary was not sampled due to potential for runoff from adjacent asphalt parking lot. Three borings placed in the backyard.

NA - Not Assigned, property not originally identified as residential

**TABLE 2-2e****Residential Sampling Narrative - South Kedzie Avenue**

Residential Study Area

*Near Former Celotex Site - Chicago, Illinois*

Project ID Number	Street Number	Street	Sampling Narrative
1	2641	S. Kedzie Ave.	Vacant lot. Five borings placed along the perimeter areas of the property to avoid the central gravel parking areas.
2	2643	S. Kedzie Ave.	Vacant lot. Five borings placed along the perimeter areas of the property to avoid the central gravel parking areas.
NA	2647	S. Kedzie Ave.	Front yard only. Two borings placed in the front yard.
3	2649	S. Kedzie Ave.	Vacant lot. Five borings placed along the perimeter areas of the property to avoid the central gravel parking areas and asphalt pavement.
6	2721	S. Kedzie Ave.	Front yard only. Two borings placed in the front yard. Backyard is all concrete
7	2723	S. Kedzie Ave.	Property is a double lot with a front yard on northern half. Two borings placed in the front yard on northern half of property. Site building (residence and auto repair business) covers remainder of northern half of the property. Southern half of property is an auto repair business and was not sampled.
9	2731	S. Kedzie Ave.	Two borings placed in the front yard and three borings placed in the backyard.
11	2737	S. Kedzie Ave.	Two borings placed in the front yard and three borings placed in the backyard.
12	2739	S. Kedzie Ave.	Two borings placed in the front yard and three borings placed in the backyard.
13	2741	S. Kedzie Ave.	Two borings placed in the front yard and three borings placed in the backyard. Front yard borings placed in bare soil areas between brick pavers.

NA - Not Assigned, property not originally identified as residential

APPENDIX A

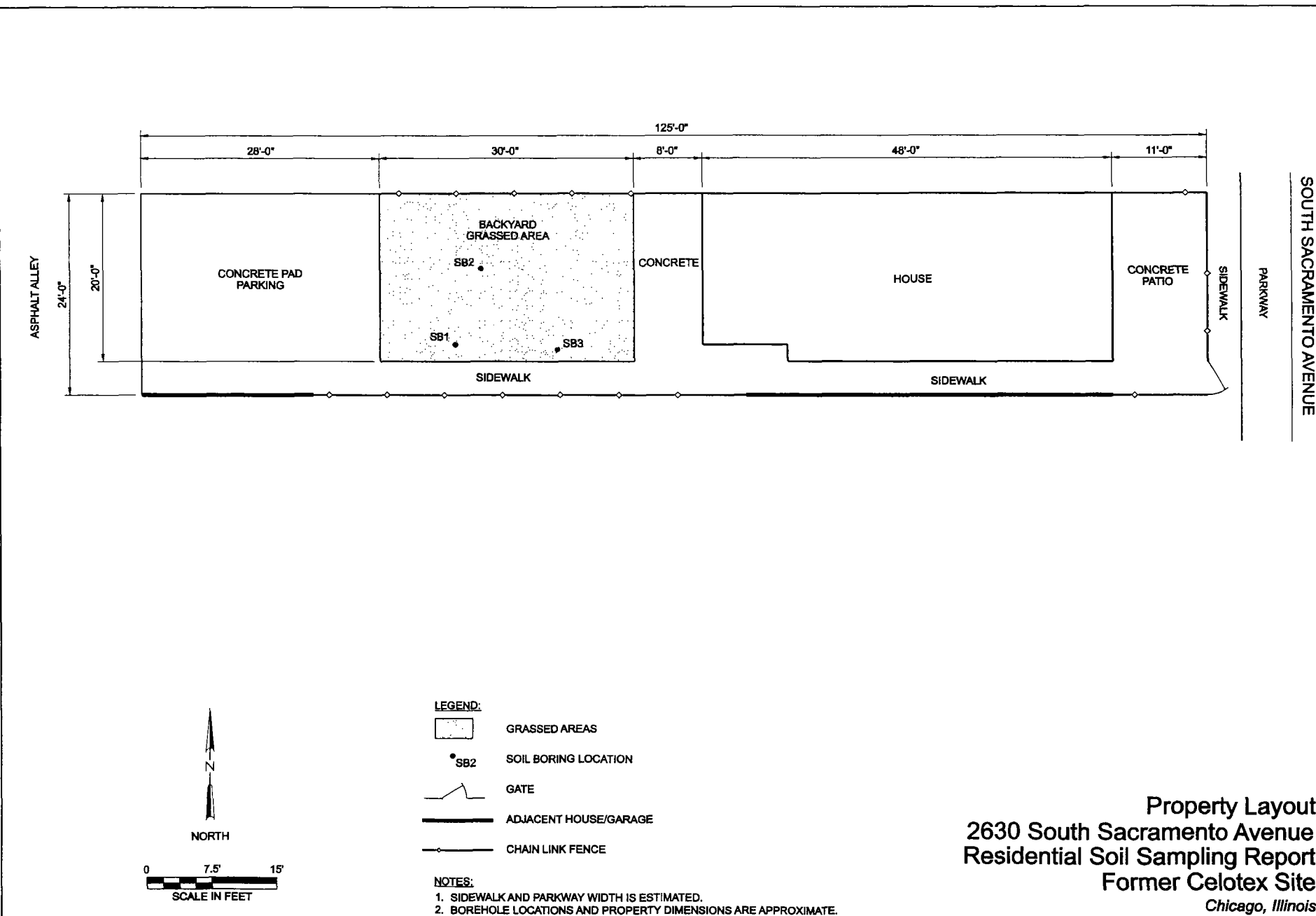
## **Residential Property Site Plans**

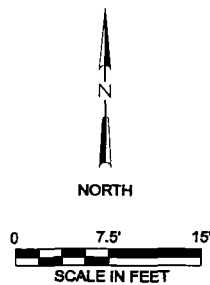
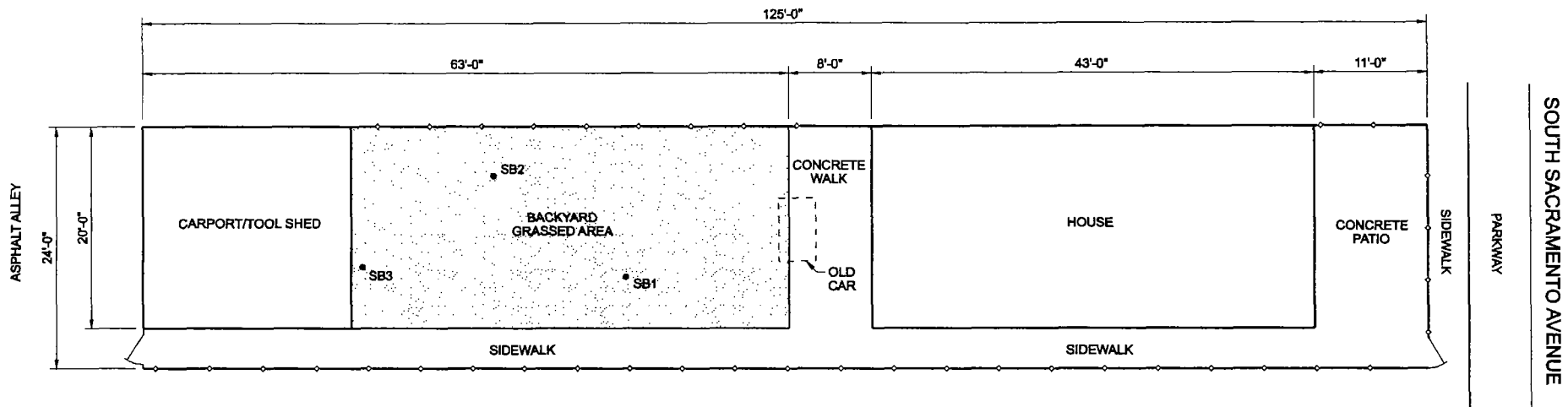
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APPENDIX A





## **South Sacramento Avenue**

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**LEGEND:**

-  GRASSED AREAS
-  SOIL BORING LOCATION
-  GATE
-  CHAIN LINK FENCE

**NOTES:**

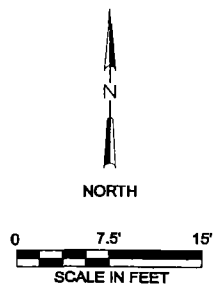
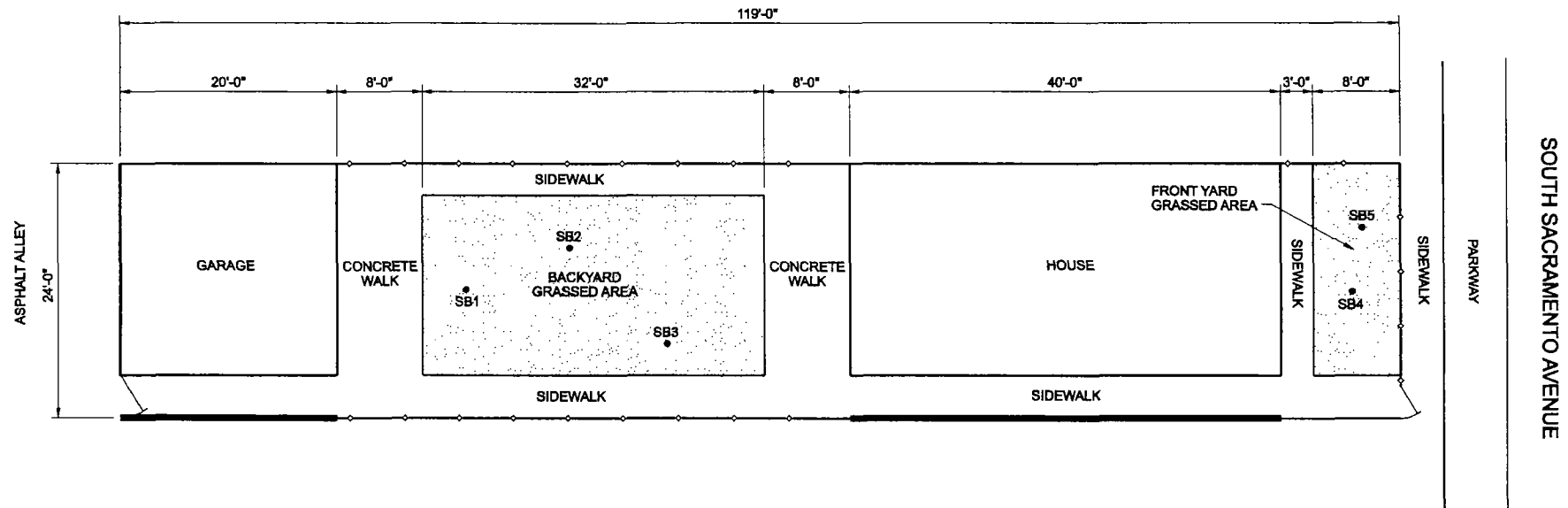
1. SIDEWALK AND PARKWAY WIDTH IS ESTIMATED.
2. BOREHOLE LOCATIONS AND PROPERTY DIMENSIONS ARE APPROXIMATE.

Property Layout  
2634 South Sacramento Avenue  
Residential Soil Sampling Report  
Former Celotex Site  
Chicago, Illinois






**CH2MHILL**







**LEGEND:**

-  GRASSED AREAS
-  SB2 SOIL BORING LOCATION
-  GATE
-  CHAINLINK FENCE
-  ADJACENT HOUSE/GARAGE

**NOTES:**

1. SIDEWALK AND PARKWAY WIDTH IS ESTIMATED.
2. BOREHOLE LOCATIONS AND PROPERTY DIMENSIONS ARE APPROXIMATE.

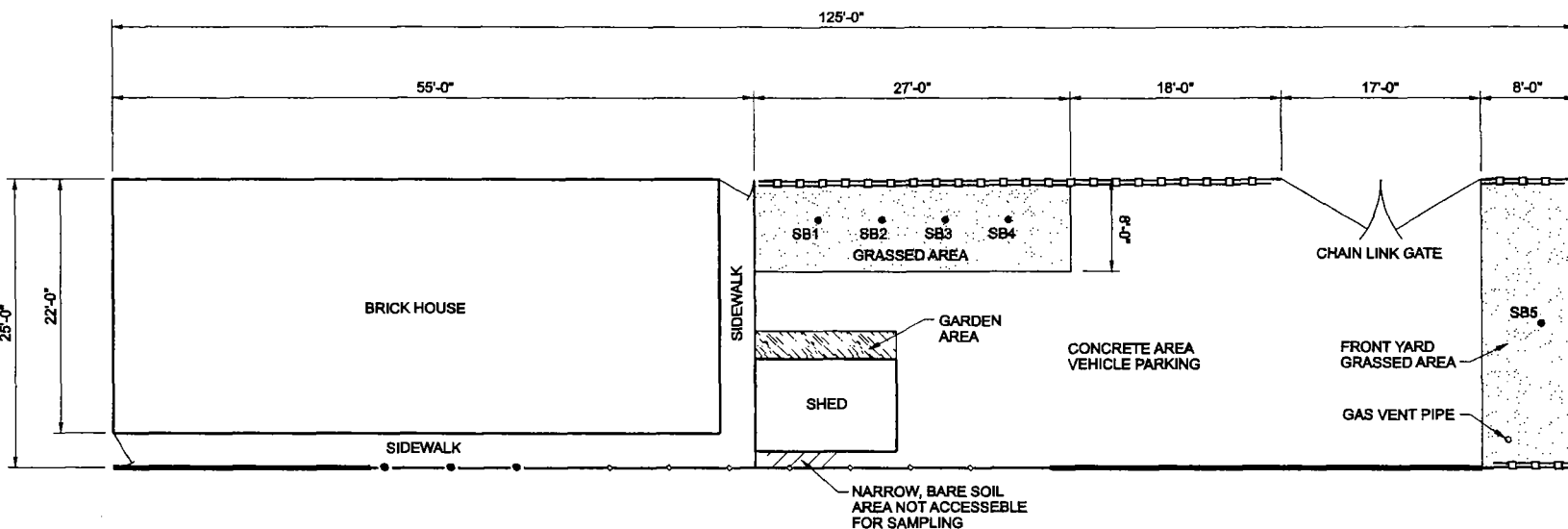
Property Layout  
 2640 South Sacramento Avenue  
 Residential Soil Sampling Report  
 Former Celotex Site  
 Chicago, Illinois

**CH2MHILL**









SOUTH SACRAMENTO AVENUE

PARKWAY

SIDEWALK

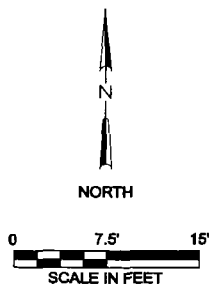


LEGEND:

-  GRASSED AREAS
-  BARE SOIL AREAS
-  GARDEN AREAS
-  SB2 SOIL BORING LOCATION
-  GATE
-  ADJACENT HOUSE/GARAGE
-  CHAIN LINK FENCE
-  CONCRETE/BRICK WALL

NOTES:

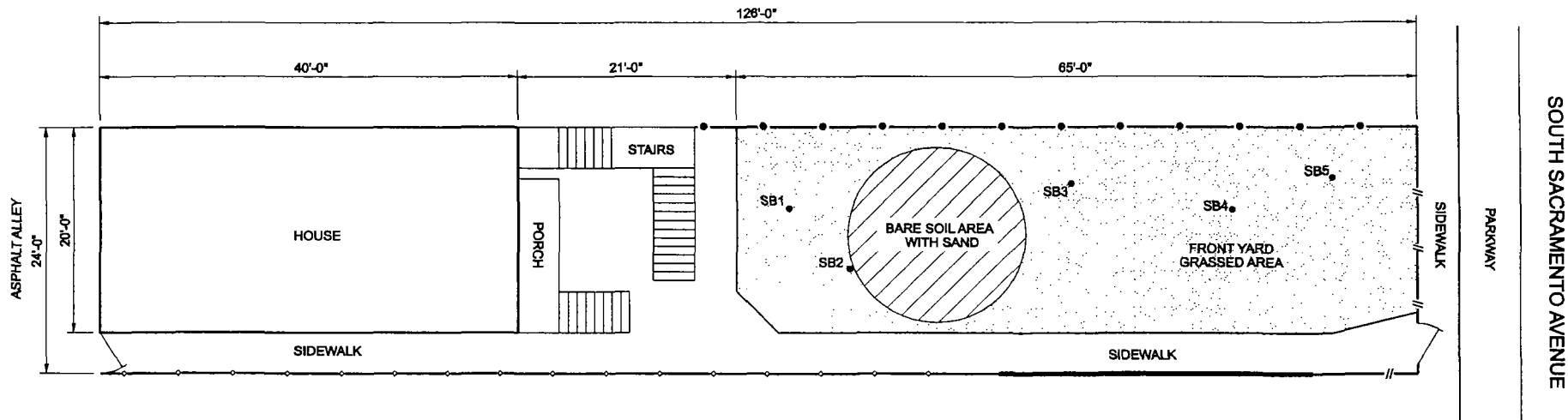
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2. BOREHOLE LOCATIONS AND PROPERTY DIMENSIONS ARE APPROXIMATE.



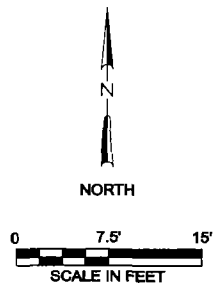
Property Layout  
2700 South Sacramento Avenue  
Residential Soil Sampling Report  
Former Celotex Site  
Chicago, Illinois

**CH2MHILL**





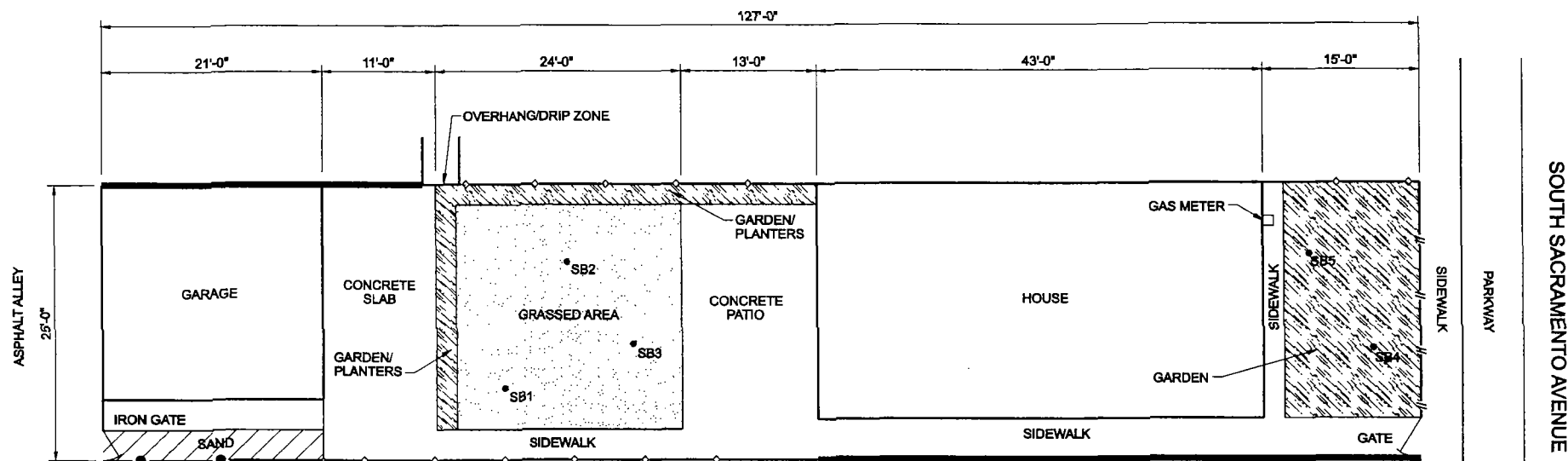
- LEGEND:**
- GRASSED AREAS
  - BARE SOIL AREAS
  - SB2 SOIL BORING LOCATION
  - GATE
  - ADJACENT HOUSE/GARAGE
  - CHAIN LINK FENCE
  - IRON/METAL FENCE
  - WOOD FENCE












- NOTES:**
1. SIDEWALK AND PARKWAY WIDTH IS ESTIMATED.
  2. BOREHOLE LOCATIONS AND PROPERTY DIMENSIONS ARE APPROXIMATE.

Property Layout  
 2708 South Sacramento Avenue  
 Residential Soil Sampling Report  
 Former Celotex Site  
 Chicago, Illinois

**CH2MHILL**



#### LEGEND:

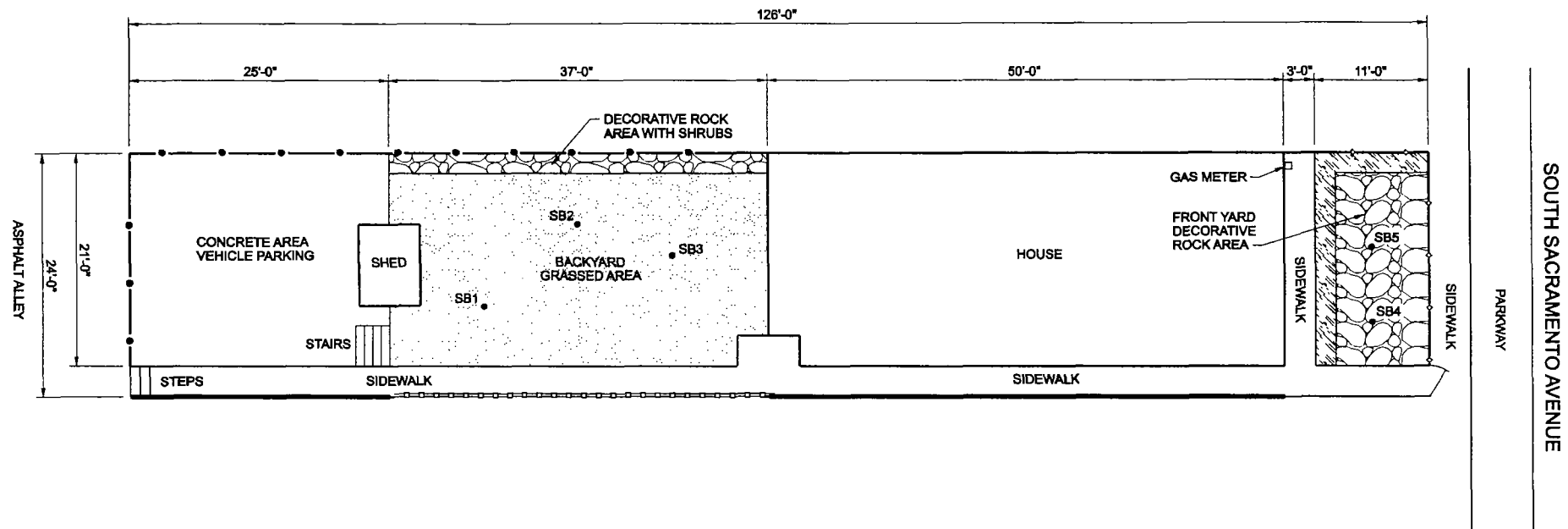
-  GRASSED AREAS
-  GARDEN AREAS
-  BARE SOIL AREAS
-  SB2 SOIL BORING LOCATION
-  GATE
-  ADJACENT HOUSE/GARAGE
-  WOOD FENCE
-  CHAIN-LINK FENCE
-  IRON/METAL FENCE

#### NOTE:










1. SIDEWALK AND PARKWAY WIDTH IS ESTIMATED.
2. BOREHOLE LOCATIONS AND PROPERTY DIMENSIONS ARE APPROXIMATE.

Property Layout  
 2710 South Sacramento Avenue  
 Residential Soil Sampling Report  
 Former Celotex Site  
 Chicago, Illinois

**CH2MHILL**



**LEGEND:**

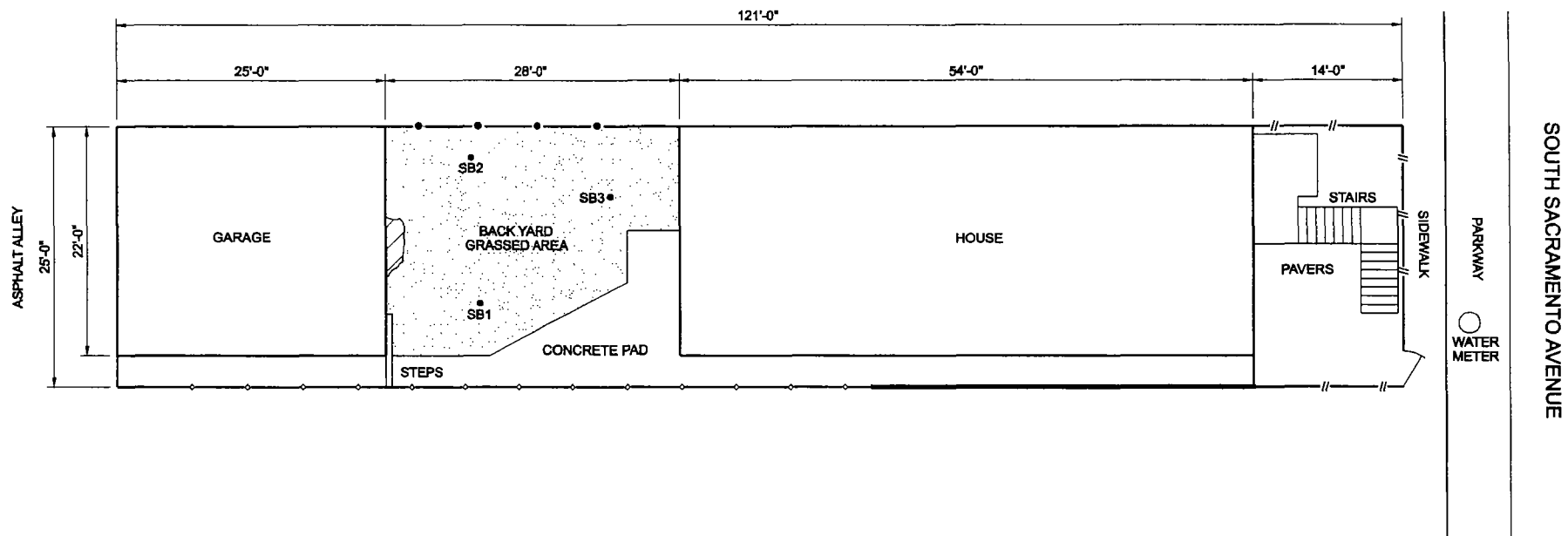
-  GARDEN AREAS
-  GRASSED AREAS
-  DECORATIVE ROCK AREAS
-  SB2 SOIL BORING LOCATION
-  GATE
-  ADJACENT HOUSE/GARAGE
-  CHAIN LINK FENCE
-  WOOD FENCE
-  CONCRETE/BRICK WALL

**NOTES:**









1. SIDEWALK AND PARKWAY WIDTH IS ESTIMATED.
2. BOREHOLE LOCATIONS AND PROPERTY DIMENSIONS ARE APPROXIMATE.

Property Layout  
 2712 South Sacramento Avenue  
 Residential Soil Sampling Report  
 Former Celotex Site  
 Chicago, Illinois

**CH2MHILL**

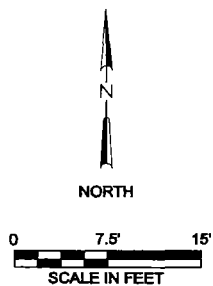


**LEGEND:**

-  GRASSED AREAS
-  BARE SOIL AREAS
-  SB2 SOIL BORING LOCATION
-  GATE
-  ADJACENT HOUSE/GARAGE
-  WOOD FENCE
-  CHAIN-LINK FENCE
-  IRON/METAL FENCE

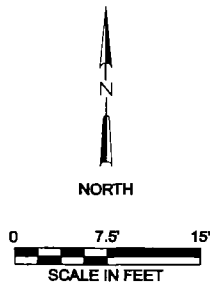
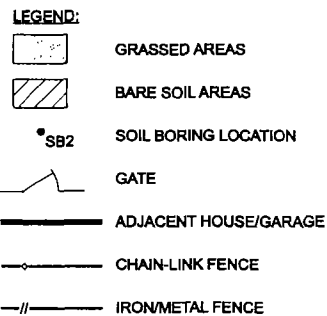
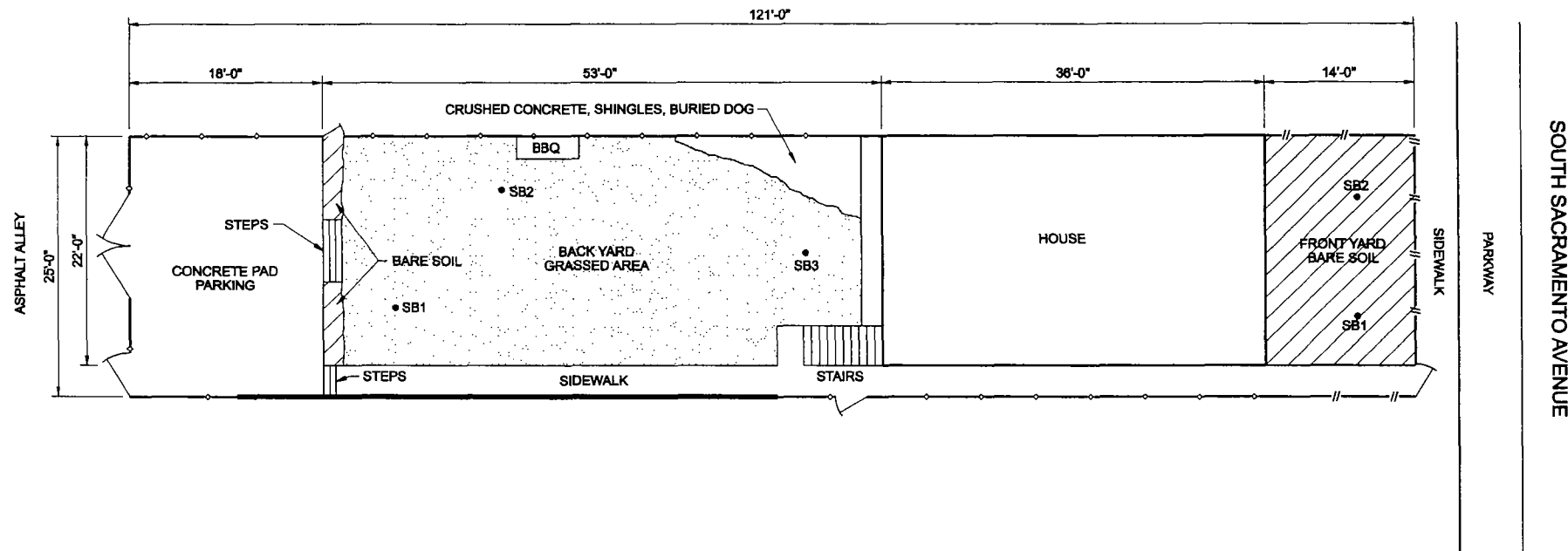
**NOTES:**

1. SIDEWALK AND PARKWAY WIDTH IS ESTIMATED.
2. BOREHOLE LOCATIONS AND PROPERTY DIMENSIONS ARE APPROXIMATE.



Property Layout  
 2716 South Sacramento Avenue  
 Residential Soil Sampling Report  
 Former Celotex Site  
 Chicago, Illinois

**CH2MHILL**

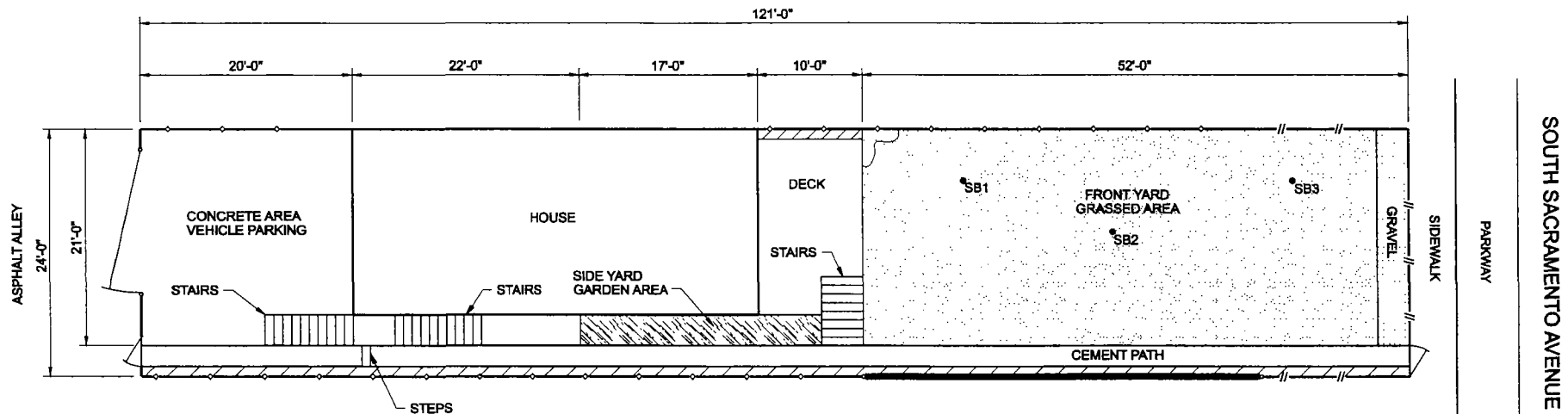


- NOTES:**
1. SIDEWALK AND PARKWAY WIDTH IS ESTIMATED.
  2. BOREHOLE LOCATIONS AND PROPERTY DIMENSIONS ARE APPROXIMATE.










Property Layout  
2720 South Sacramento Avenue  
Residential Soil Sampling Report  
Former Celotex Site  
Chicago, Illinois

**CH2MHILL**



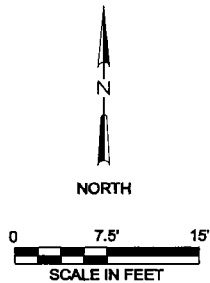


**LEGEND:**

-  GRASSED AREAS
-  GRAVEL AREAS
-  GARDEN AREAS
-  BARE SOIL AREAS
-  GATE
-  SOIL BORING LOCATION
-  CHAINLINK FENCE
-  IRON/METAL FENCE
-  ADJACENT HOUSE/GARAGE

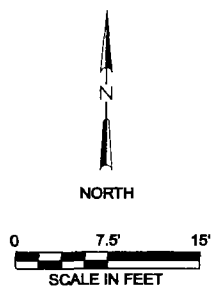
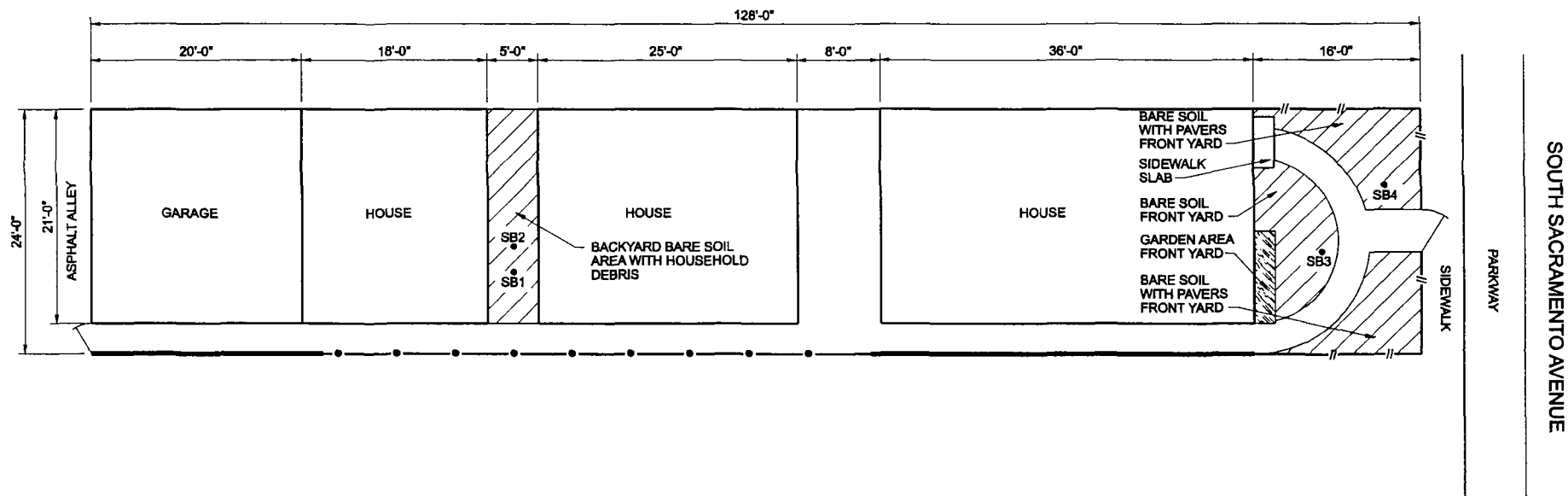
**NOTES:**

1. SIDEWALK AND PARKWAY WIDTH IS ESTIMATED.
2. BOREHOLE LOCATIONS AND PROPERTY DIMENSIONS ARE APPROXIMATE.



Property Layout  
 2722 South Sacramento Avenue  
 Residential Soil Sampling Report  
 Former Celotex Site  
 Chicago, Illinois

**CH2MHILL**

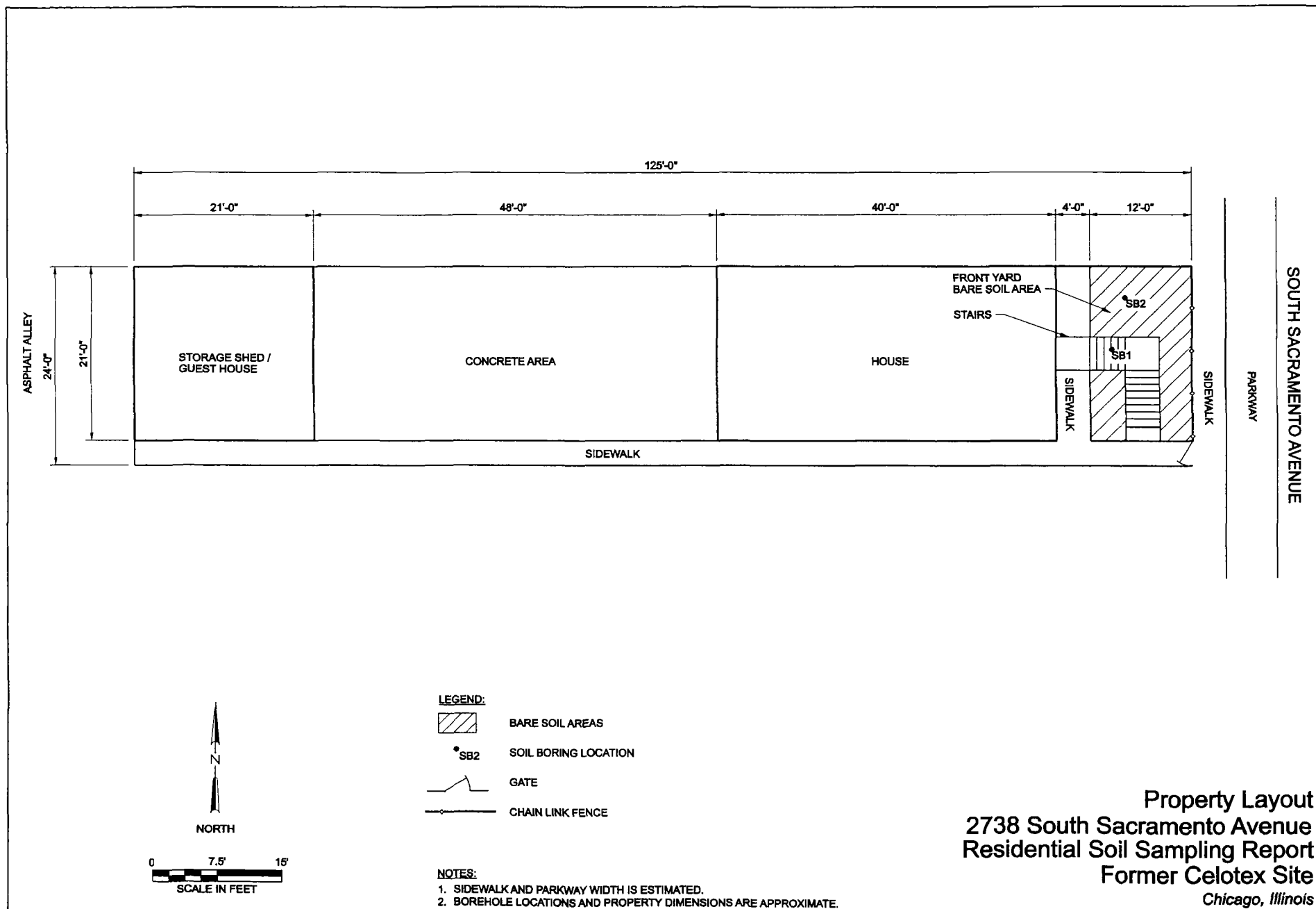


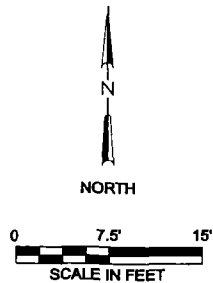
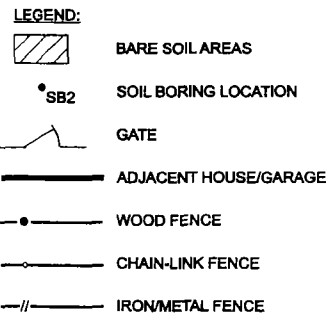
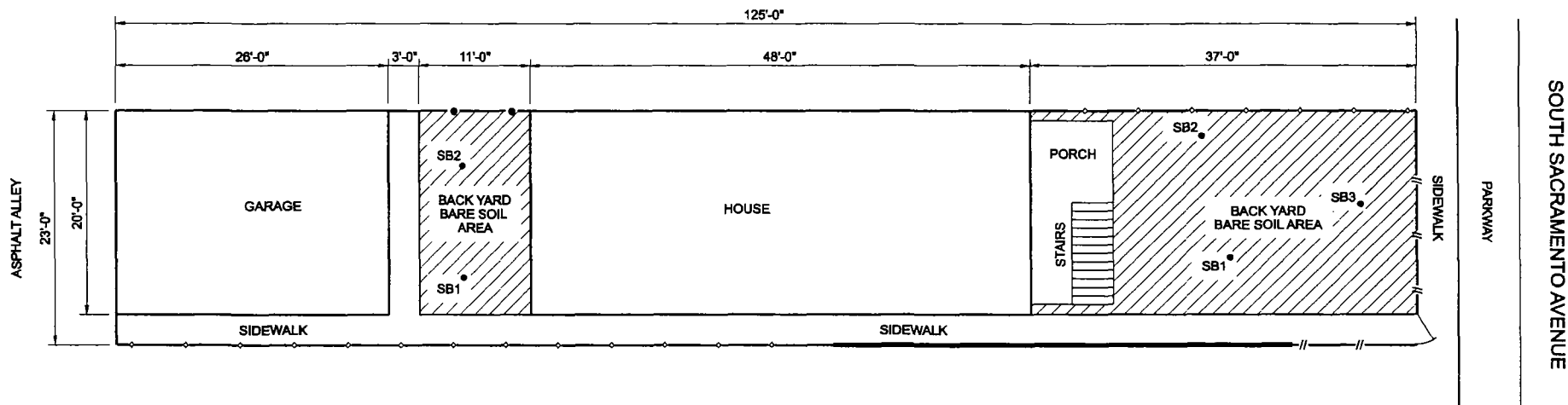
- LEGEND:**
- GARDEN AREAS
  - BARE SOIL AREAS
  - SB2 SOIL BORING LOCATION
  - GATE
  - ADJACENT HOUSE/GARAGE
  - WOOD FENCE
  - IRON/METAL FENCE

- NOTES:**
1. SIDEWALK AND PARKWAY WIDTH IS ESTIMATED.
  2. BOREHOLE LOCATIONS AND PROPERTY DIMENSIONS ARE APPROXIMATE.

Property Layout  
 2736 South Sacramento Avenue  
 Residential Soil Sampling Report  
 Former Celotex Site  
 Chicago, Illinois

**CH2MHILL**

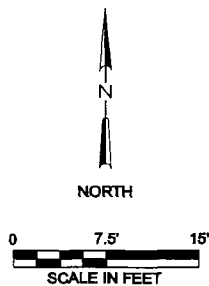
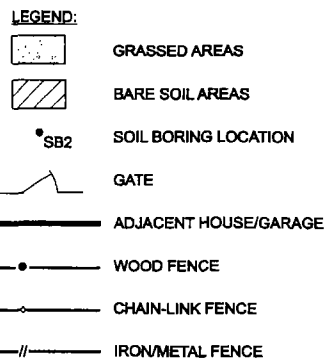
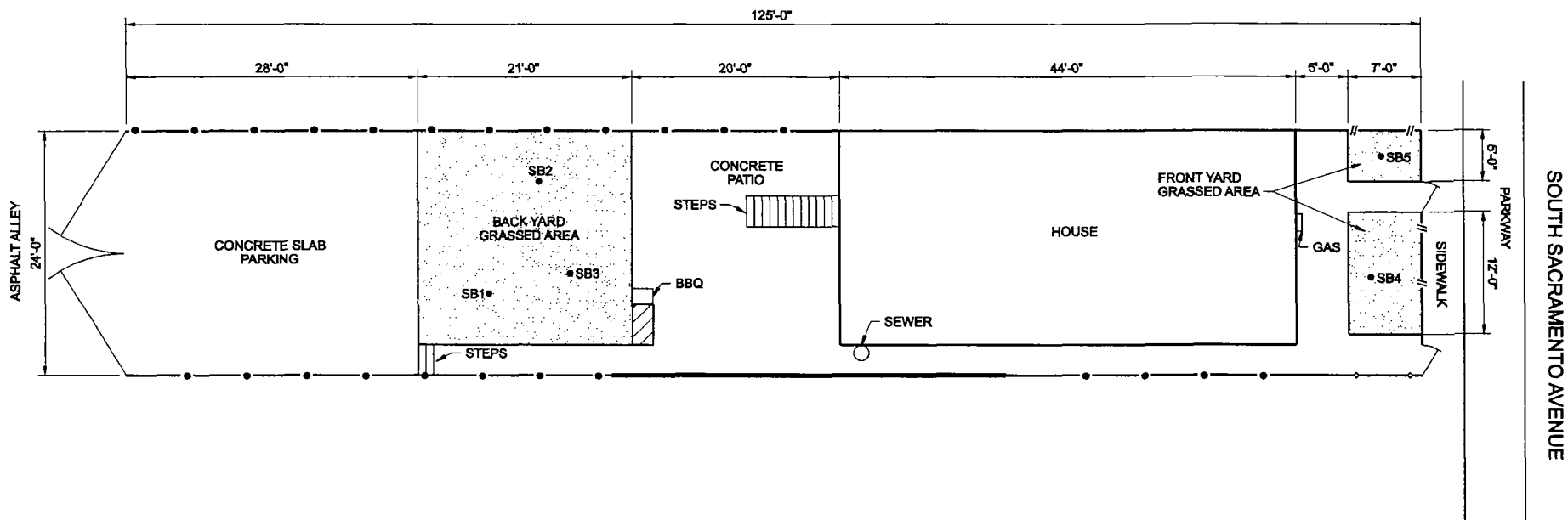




- NOTES:**
1. SIDEWALK AND PARKWAY WIDTH IS ESTIMATED.
  2. BOREHOLE LOCATIONS AND PROPERTY DIMENSIONS ARE APPROXIMATE.

Property Layout  
 2740 South Sacramento Avenue  
 Residential Soil Sampling Report  
 Former Celotex Site  
 Chicago, Illinois

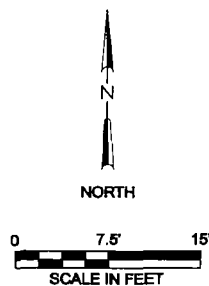
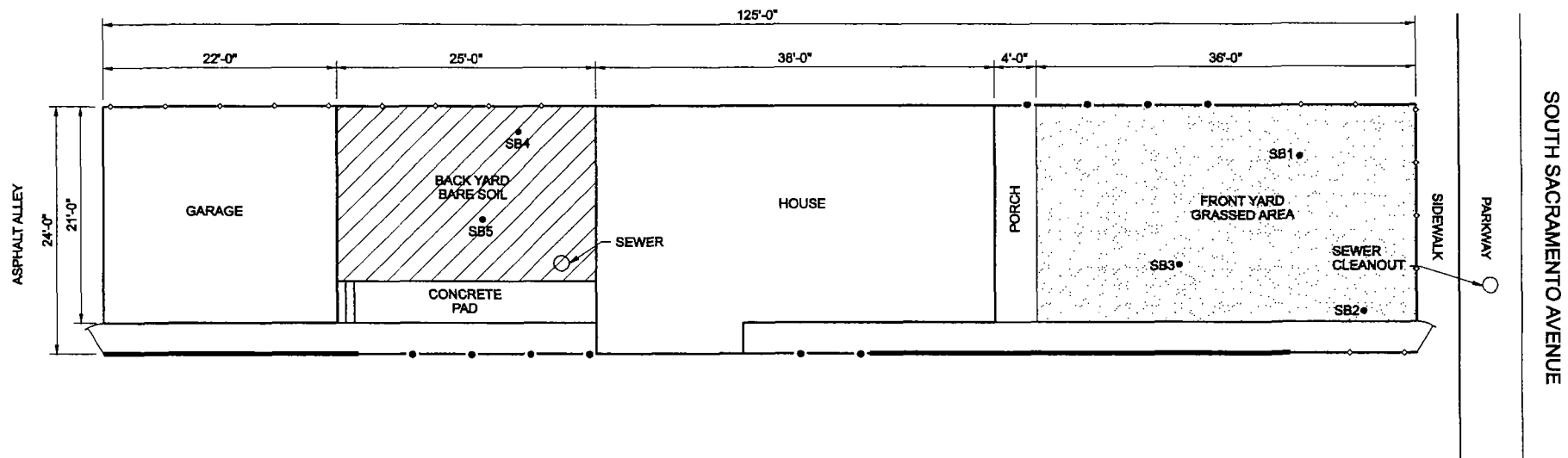
**CH2MHILL**










- NOTES:**
1. SIDEWALK AND PARKWAY WIDTH IS ESTIMATED.
  2. BOREHOLE LOCATIONS AND PROPERTY DIMENSIONS ARE APPROXIMATE.

Property Layout  
2742 South Sacramento Avenue  
Residential Soil Sampling Report  
Former Celotex Site  
Chicago, Illinois

**CH2MHILL**



**LEGEND:**

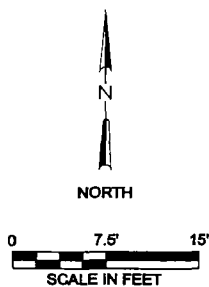
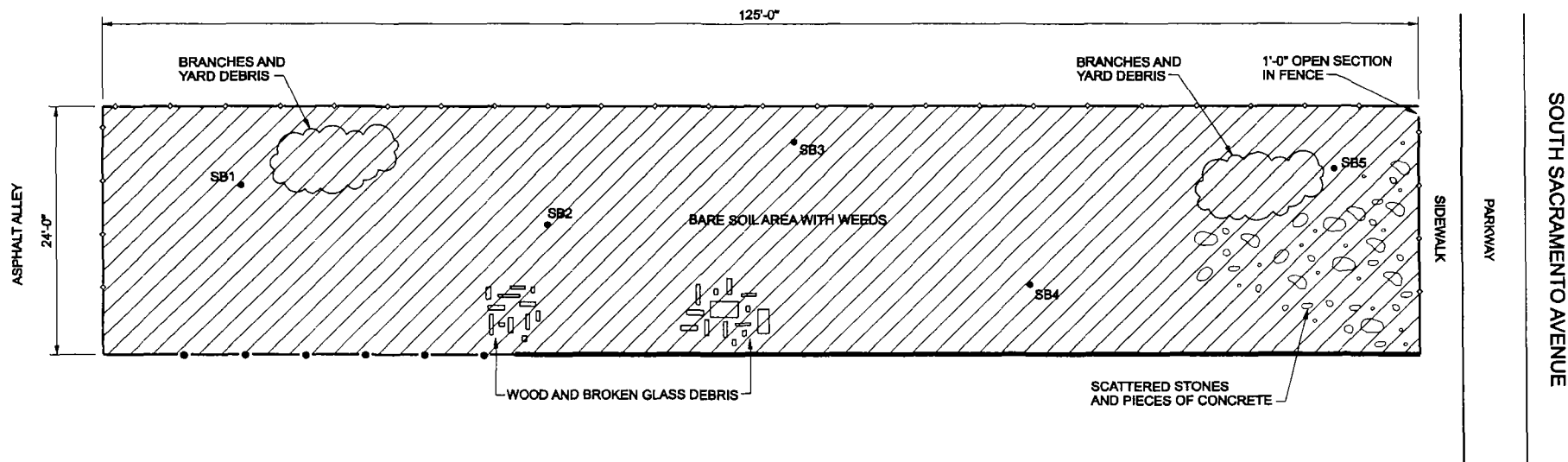
-  GRASSED AREAS
-  BARE SOIL AREAS
-  SB2 SOIL BORING LOCATION
-  GATE
-  ADJACENT HOUSE/GARAGE
-  WOOD FENCE
-  CHAIN-LINK FENCE

**NOTES:**

1. SIDEWALK AND PARKWAY WIDTH IS ESTIMATED.
2. BOREHOLE LOCATIONS AND PROPERTY DIMENSIONS ARE APPROXIMATE.

Property Layout  
 2744 South Sacramento Avenue  
 Residential Soil Sampling Report  
 Former Celotex Site  
 Chicago, Illinois

**CH2MHILL**



**LEGEND:**

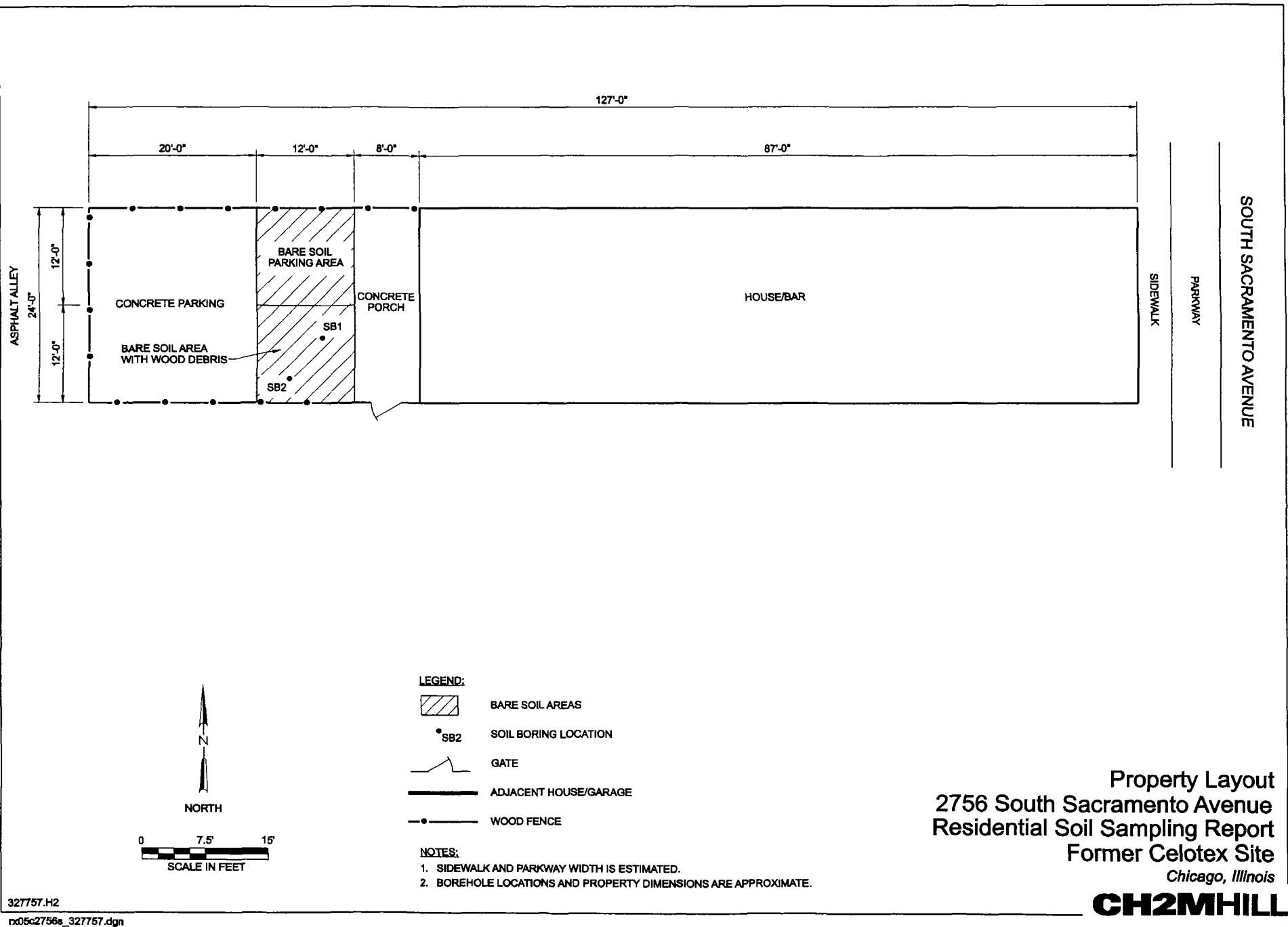
- BARE SOIL AREAS
- SB2 SOIL BORING LOCATION
- ADJACENT HOUSE/GARAGE
- WOOD FENCE
- CHAIN-LINK FENCE

**NOTES:**

1. SIDEWALK AND PARKWAY WIDTH IS ESTIMATED.
2. BOREHOLE LOCATIONS AND PROPERTY DIMENSIONS ARE APPROXIMATE.

Property Layout  
 2754 South Sacramento Avenue  
 Residential Soil Sampling Report  
 Former Celotex Site  
 Chicago, Illinois

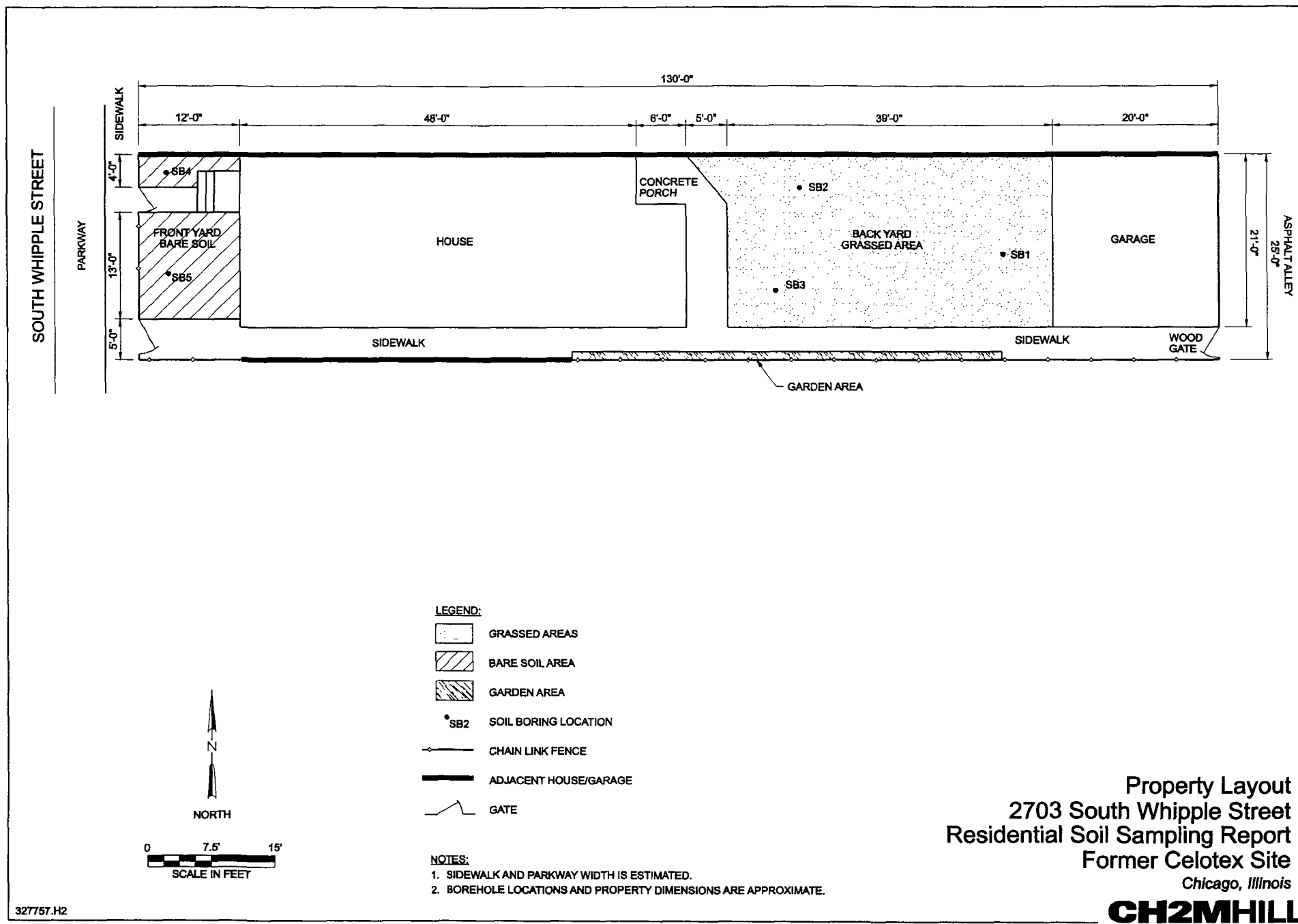
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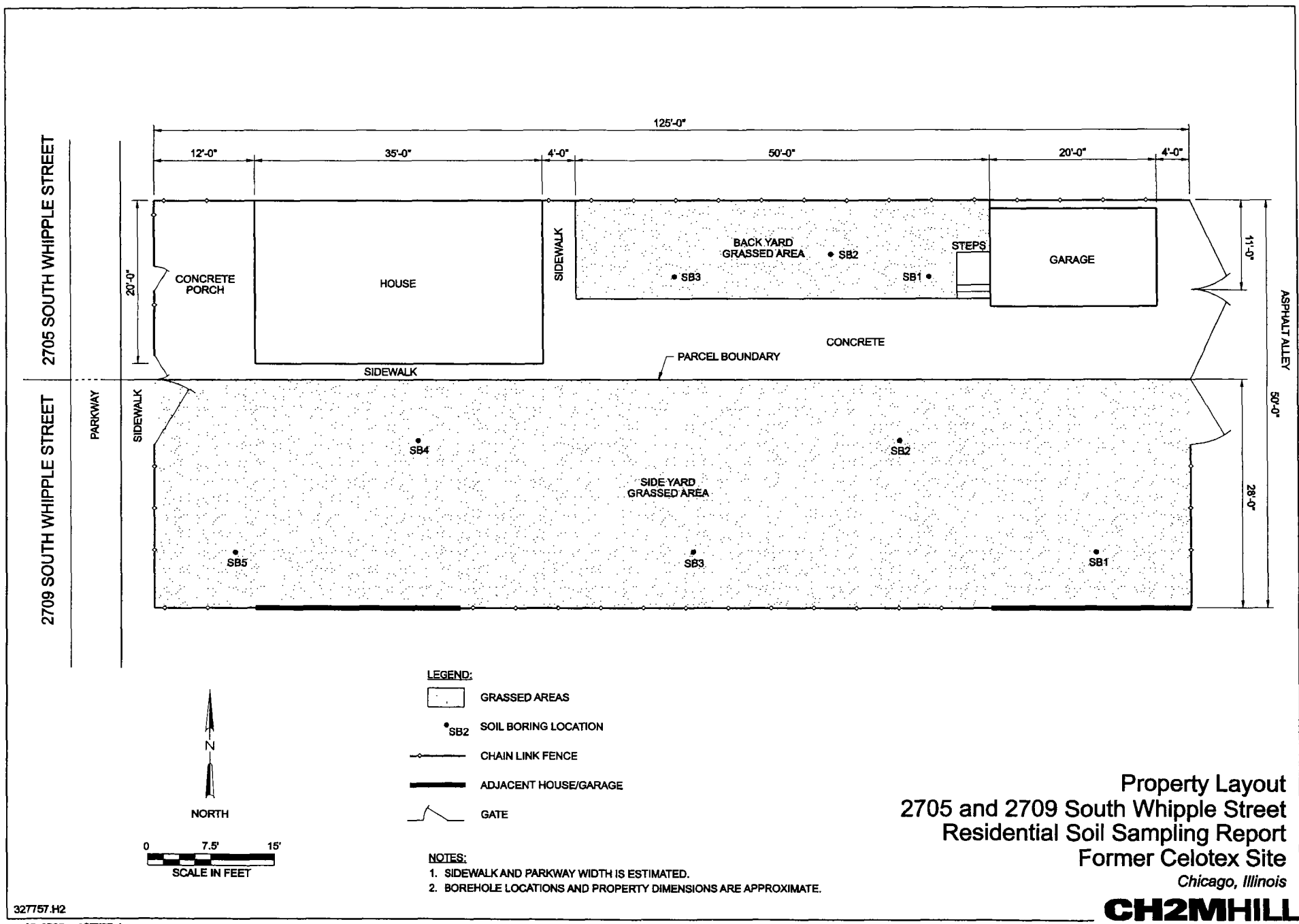




APPENDIX A

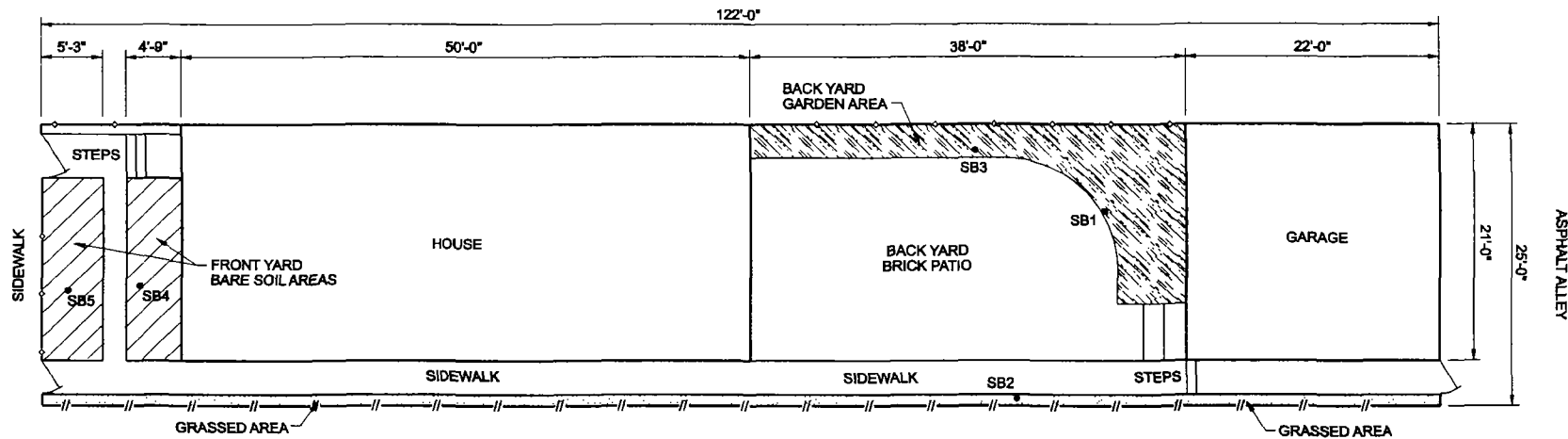
## **South Whipple Street**












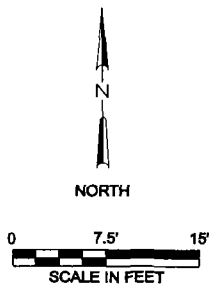
SOUTH WHIPPLE STREET

PARKWAY



LEGEND:

-  GRASSED AREAS
-  BARE SOIL AREAS
-  GARDEN AREAS
-  SB2 SOIL BORING LOCATION
-  IRON/METAL FENCE
-  CHAIN LINK FENCE
-  GATE

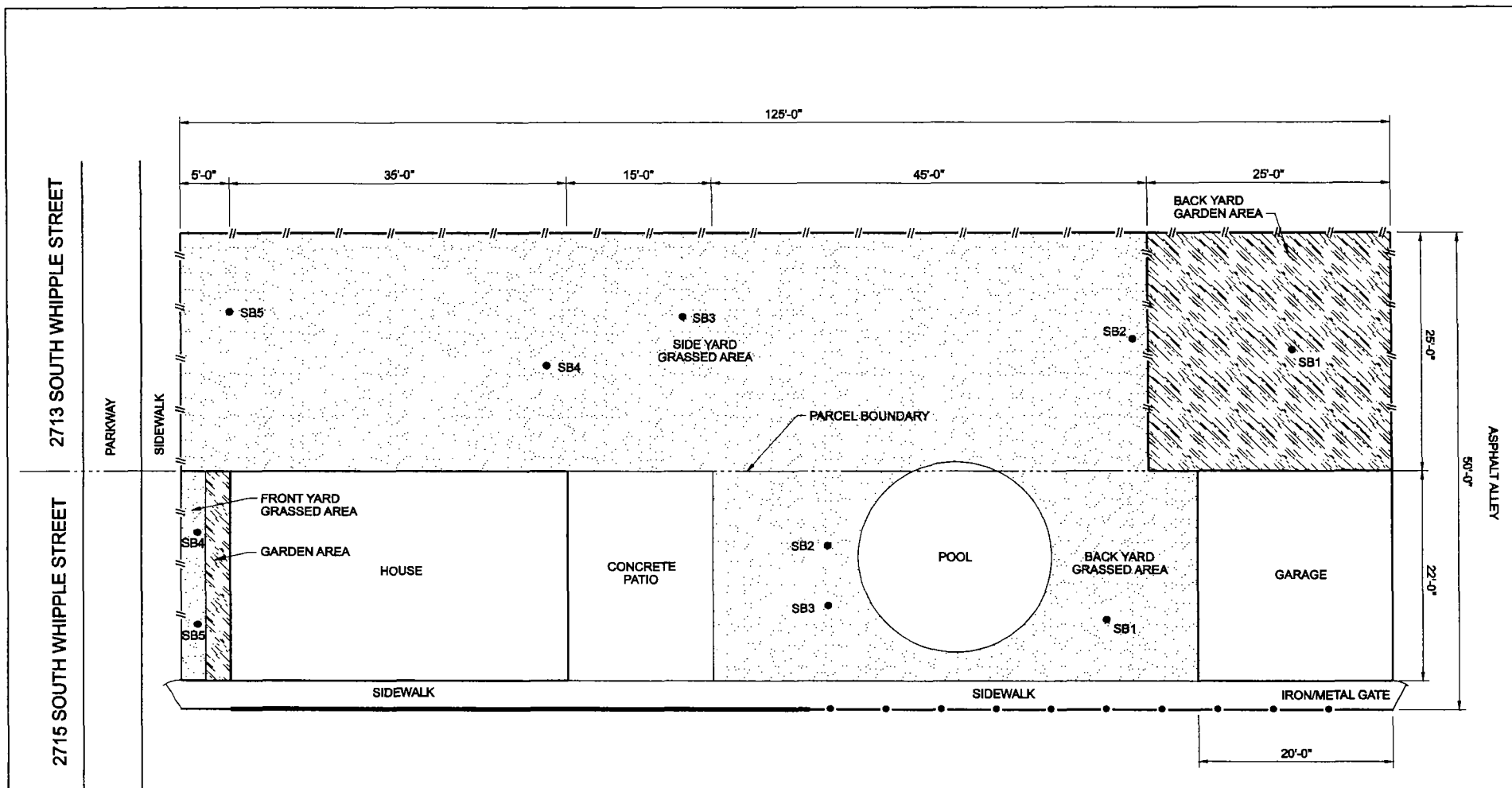


NOTES:









1. SIDEWALK AND PARKWAY WIDTH IS ESTIMATED.
2. BOREHOLE LOCATIONS AND PROPERTY DIMENSIONS ARE APPROXIMATE.

Property Layout  
2711 South Whipple Street  
Residential Soil Sampling Report  
Former Celotex Site  
Chicago, Illinois

**CH2MHILL**



**LEGEND:**

	GRASSED AREAS		IRON/METAL FENCE
	GARDEN AREAS		WOOD FENCE
	SOIL BORING LOCATION		ADJACENT HOUSE/GARAGE
	GATE		PARCEL BOUNDARY

**NOTES:**

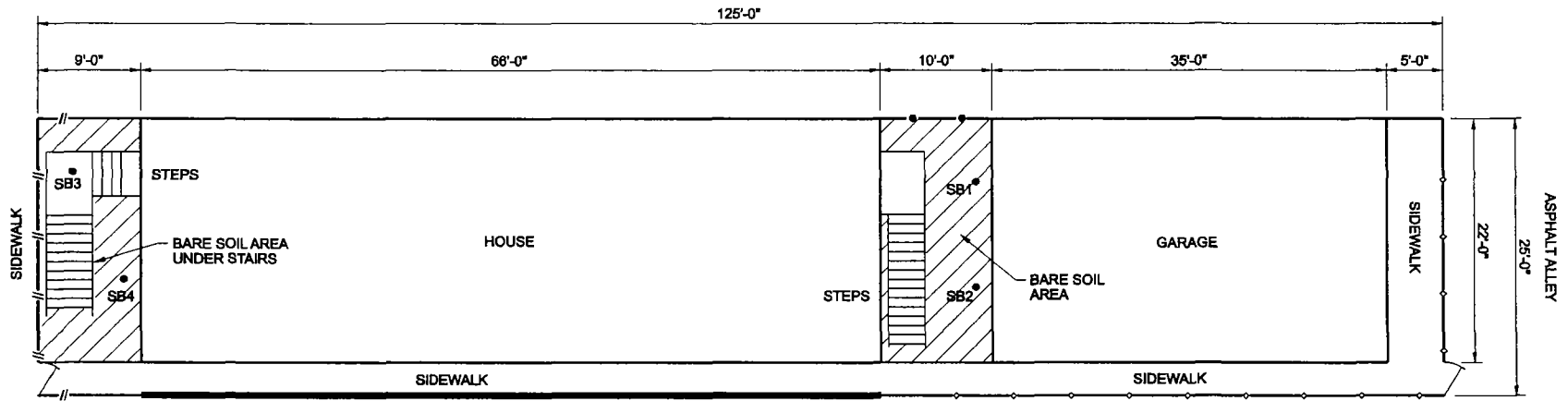
1. SIDEWALK AND PARKWAY WIDTH IS ESTIMATED.
2. BOREHOLE LOCATIONS AND PROPERTY DIMENSIONS ARE APPROXIMATE.

Property Layout  
2713 and 2715 South Whipple Street  
Residential Soil Sampling Report  
Former Celotex Site  
Chicago, Illinois








**CH2MHILL**

SOUTH WHIPPLE STREET

PARKWAY

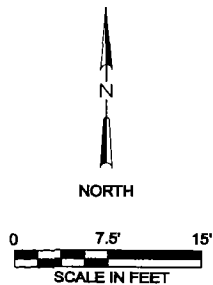


**LEGEND:**

-  BARE SOIL AREAS
-  SB2 SOIL BORING LOCATION
-  GATE
-  WOOD FENCE
-  CHAIN LINK FENCE
-  IRON/METAL FENCE
-  ADJACENT HOUSE/GARAGE

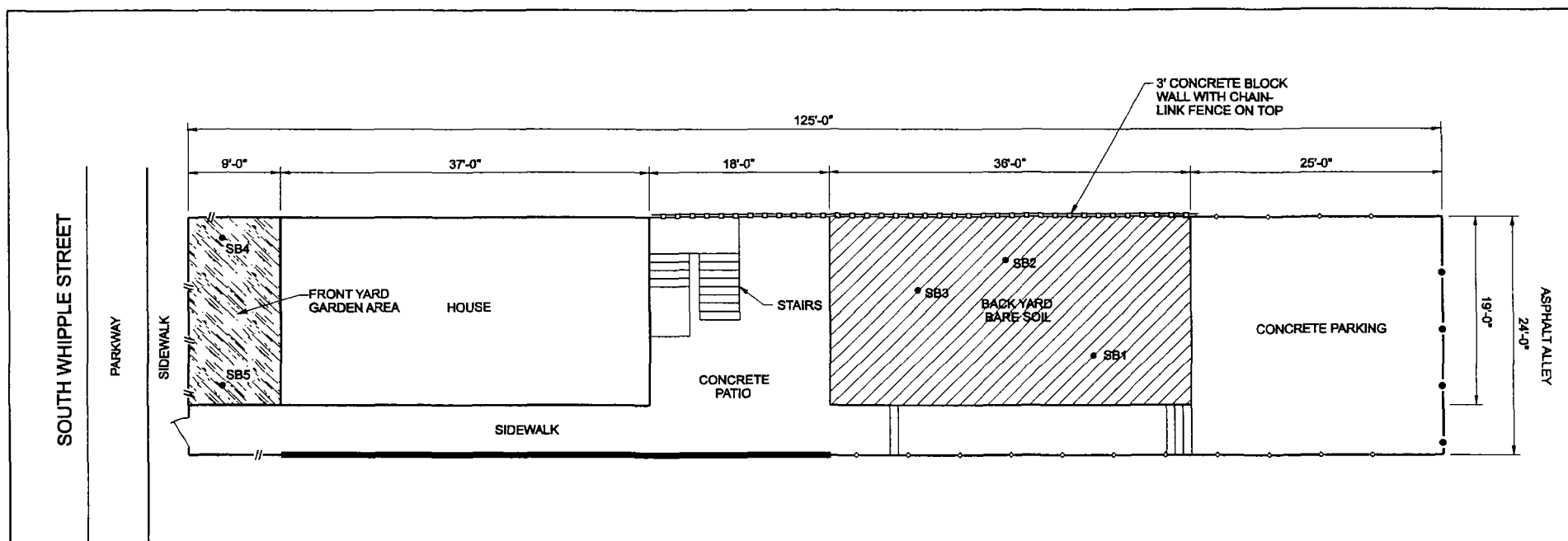
**NOTES:**

1. SIDEWALK AND PARKWAY WIDTH IS ESTIMATED.
2. BOREHOLE LOCATIONS AND PROPERTY DIMENSIONS ARE APPROXIMATE.



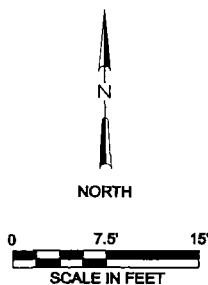
Property Layout  
2717 South Whipple Street  
Residential Soil Sampling Report  
Former Celotex Site  
Chicago, Illinois

**CH2MHILL**



#### LEGEND:

- GARDEN AREAS
- BARE SOIL AREAS
- SB2 SOIL BORING LOCATION
- ADJACENT HOUSE/GARAGE
- CHAIN LINK FENCE
- WOOD FENCE
- IRON/METAL FENCE
- CONCRETE BLOCK/BRICK WALL
- GATE



#### NOTES:

1. SIDEWALK AND PARKWAY WIDTH IS ESTIMATED.
2. BOREHOLE LOCATIONS AND PROPERTY DIMENSIONS ARE APPROXIMATE.

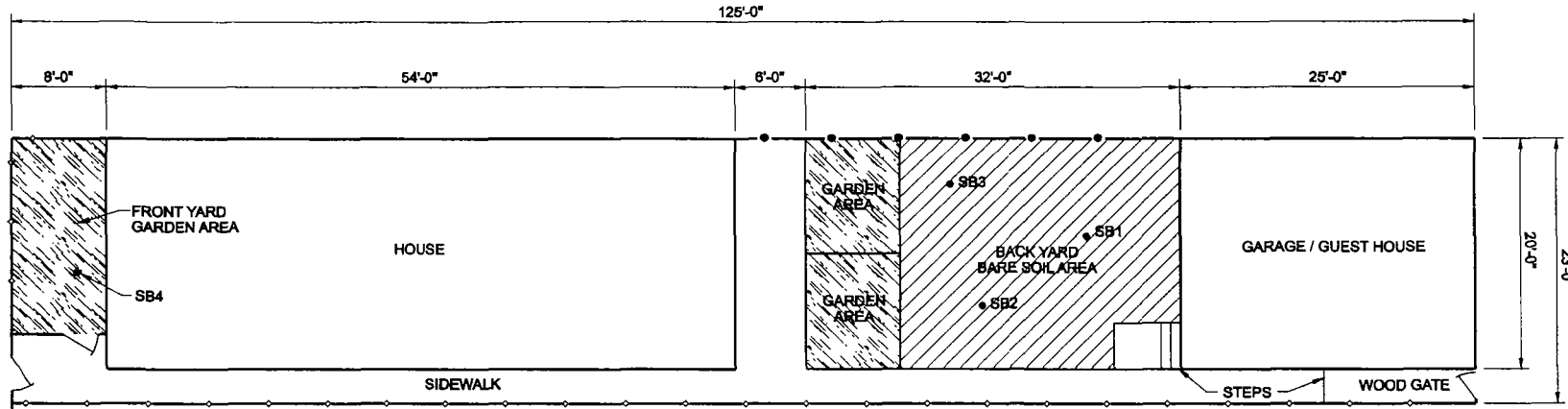
Property Layout  
2721 South Whipple Street  
Residential Soil Sampling Report  
Former Celotex Site  
Chicago, Illinois

**CH2MHILL**

SOUTH WHIPPLE STREET







PARKWAY

SIDEWALK



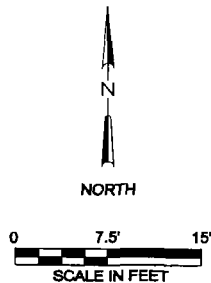
ASPHALT ALLEY

**LEGEND:**

-  GARDEN AREAS
-  BARE SOIL AREAS
-  SB2 SOIL BORING LOCATION
-  CHAIN LINK FENCE
-  WOOD FENCE
-  GATE

**NOTES:**

1. SIDEWALK AND PARKWAY WIDTH IS ESTIMATED.
2. BOREHOLE LOCATIONS AND PROPERTY DIMENSIONS ARE APPROXIMATE.



Property Layout  
2723 South Whipple Street  
Residential Soil Sampling Report  
Former Celotex Site  
Chicago, Illinois

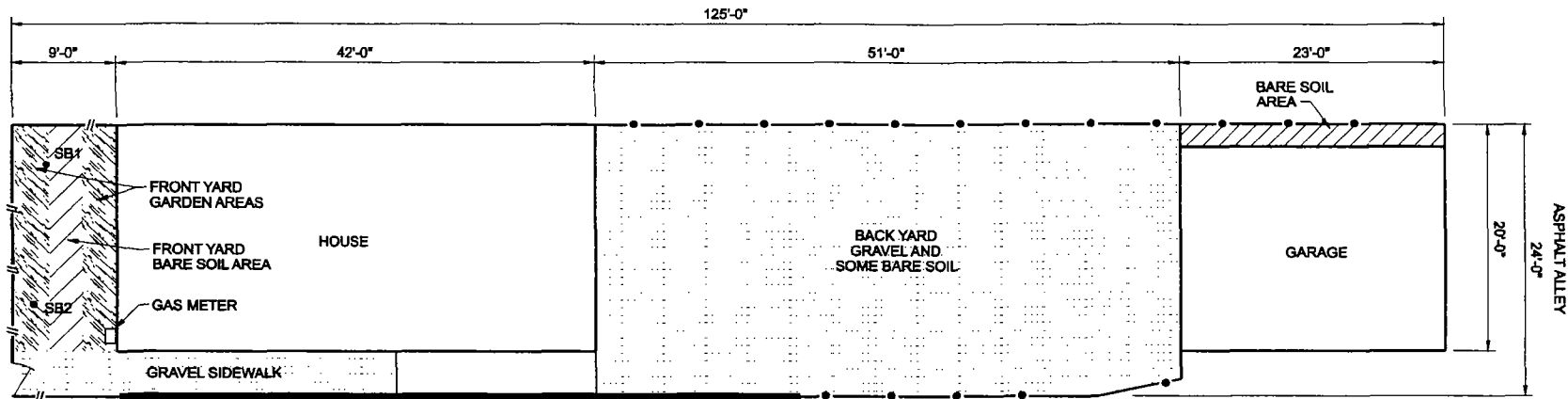
**CH2MHILL**



SOUTH WHIPPLE STREET

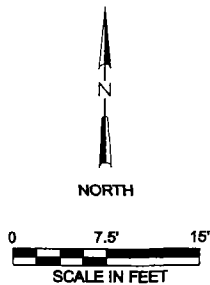
PARKWAY

SIDEWALK



**LEGEND:**

- GRAVEL AREAS
- GARDEN AREAS
- BARE SOIL AREAS
- SB2 SOIL BORING LOCATION
- IRON/METAL FENCE
- WOOD FENCE
- ADJACENT HOUSE/GARAGE
- GATE

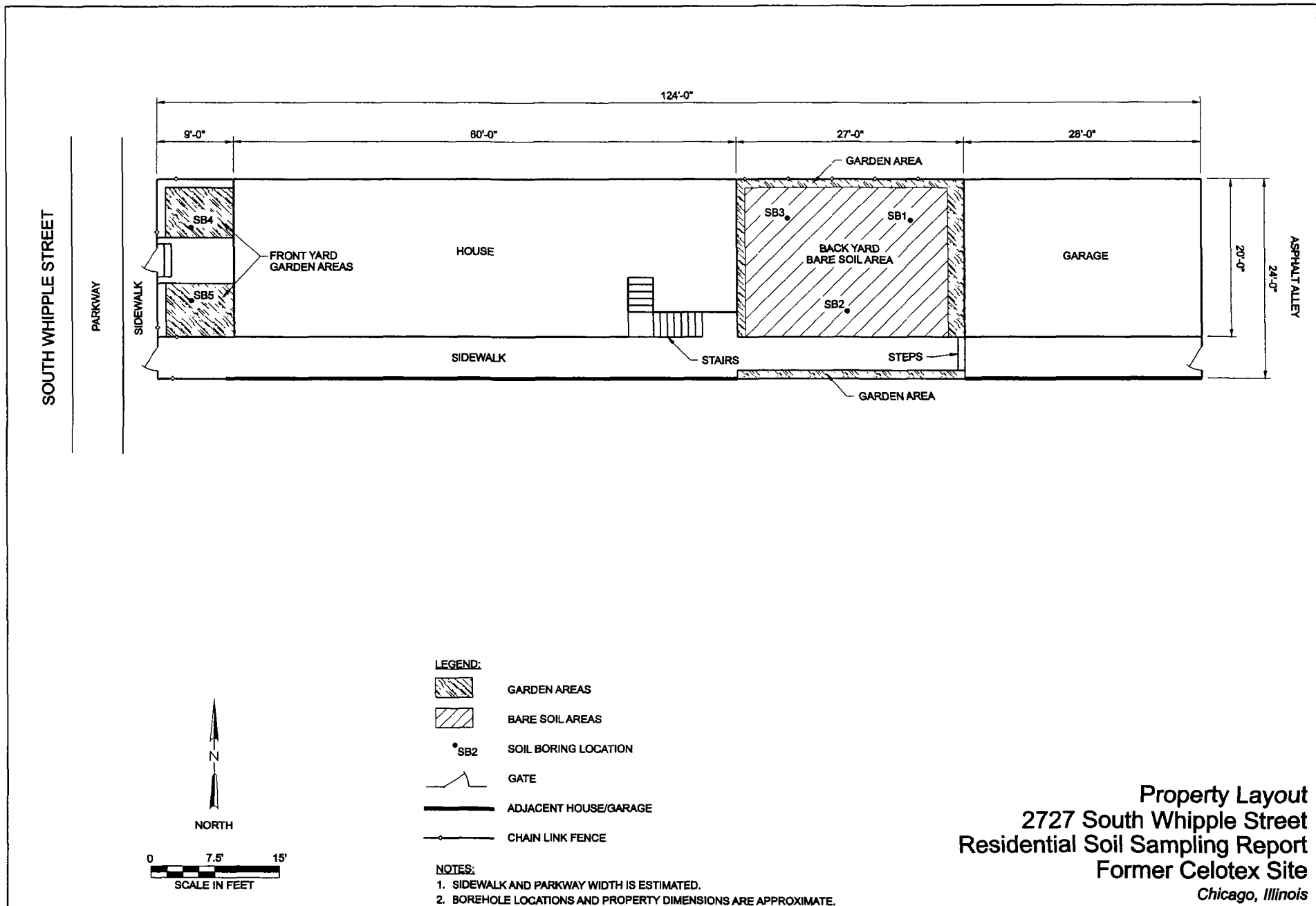


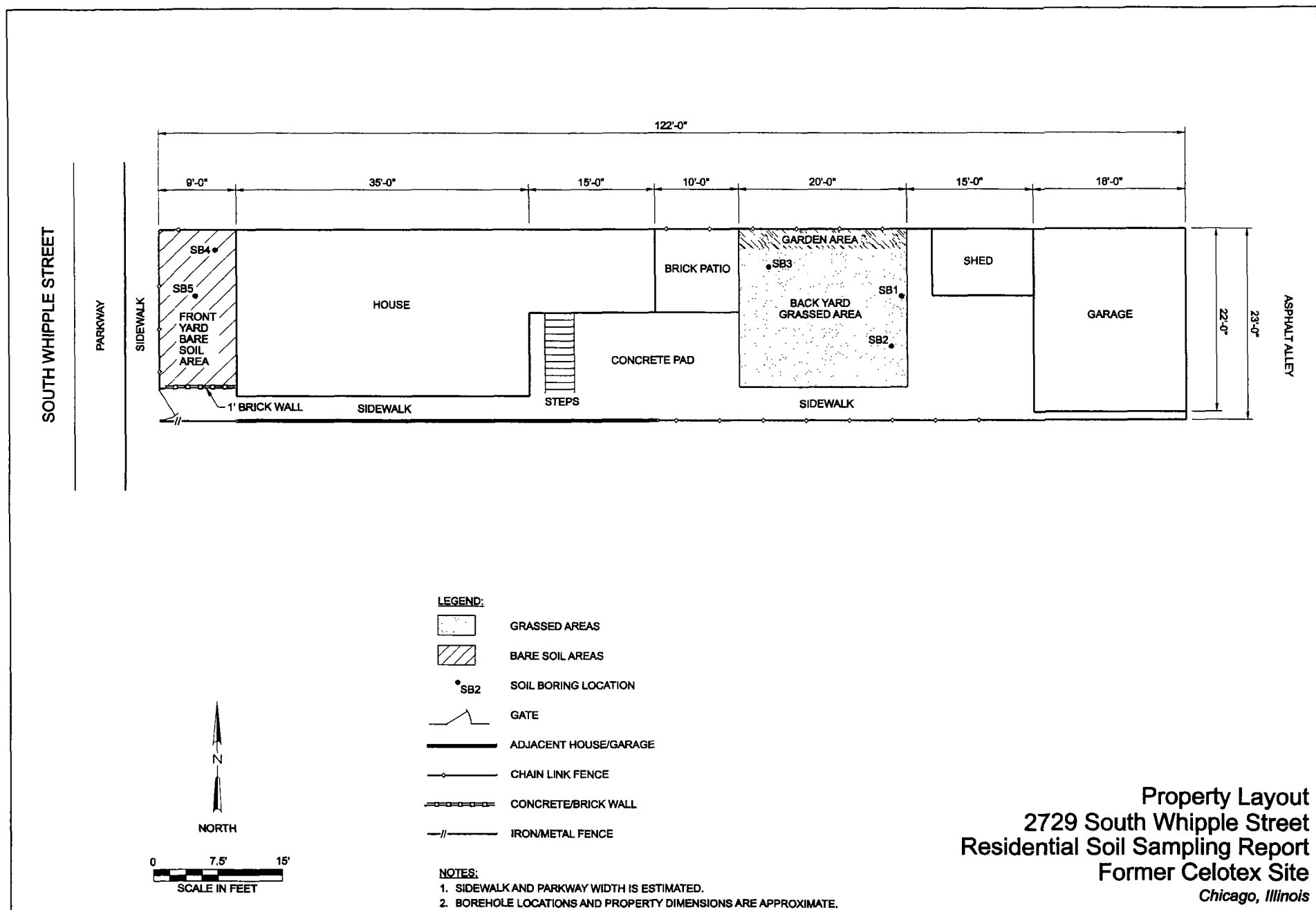
**NOTE:**

1. SIDEWALK AND PARKWAY WIDTH IS ESTIMATED.
2. BOREHOLE LOCATIONS AND PROPERTY DIMENSIONS ARE APPROXIMATE.

Property Layout  
2725 South Whipple Street  
Residential Soil Sampling Report  
Former Celotex Site  
Chicago, Illinois

**CH2MHILL**

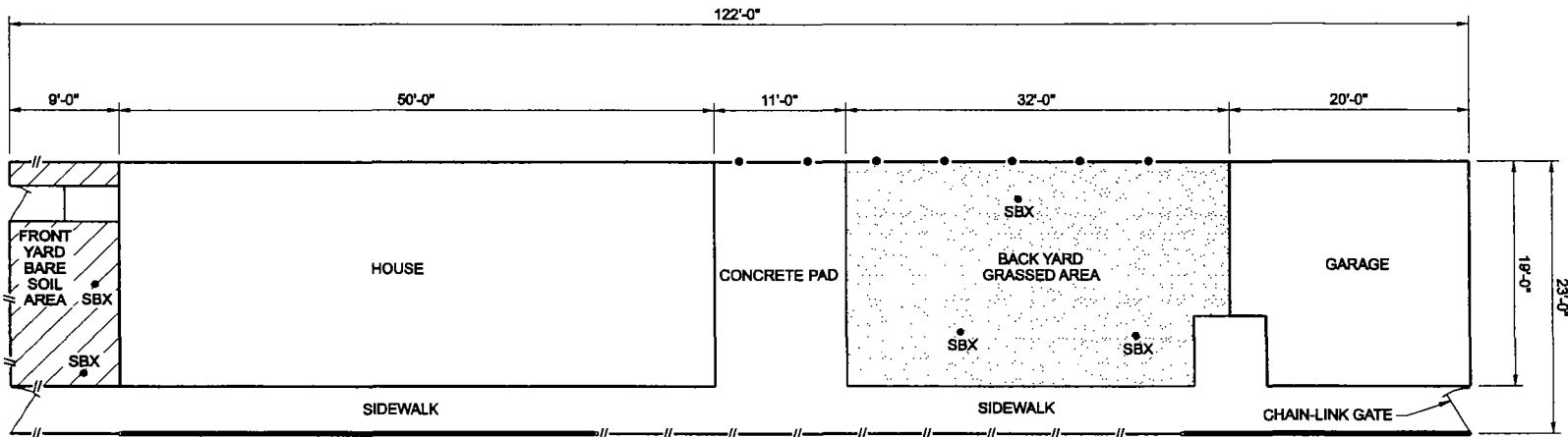




SOUTH WHIPPLE STREET








PARKWAY

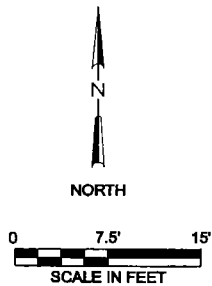
SIDEWALK



ASPHALT ALLEY

**LEGEND:**

-  GRASSED AREAS
-  BARE SOIL AREAS
-  • SB2 SOIL BORING LOCATION
-  GATE
-  ADJACENT HOUSE/GARAGE
-  -•- WOOD FENCE
-  -// IRON/METAL FENCE



**NOTE:**

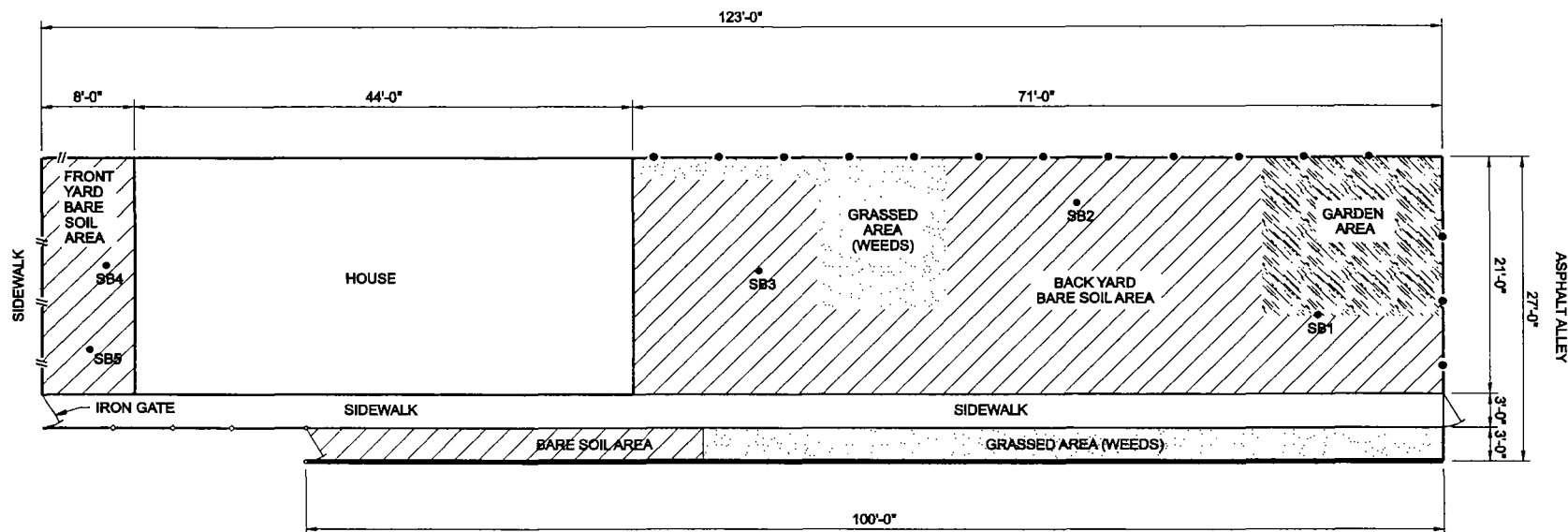
1. SIDEWALK AND PARKWAY WIDTH IS ESTIMATED.
2. BOREHOLE LOCATIONS AND PROPERTY DIMENSIONS ARE APPROXIMATE.

Property Layout  
2731 South Whipple Street  
Residential Soil Sampling Report  
Former Celotex Site  
Chicago, Illinois

**CH2MHILL**

SOUTH WHIPPLE STREET

PARKWAY



**LEGEND:**

GRASSED AREAS

GARDEN AREAS

BARE SOIL AREAS

SB2 SOIL BORING LOCATION

GATE

ADJACENT HOUSE/GARAGE

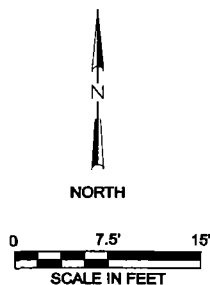
WOOD FENCE

CHAIN-LINK FENCE

IRON/METAL FENCE

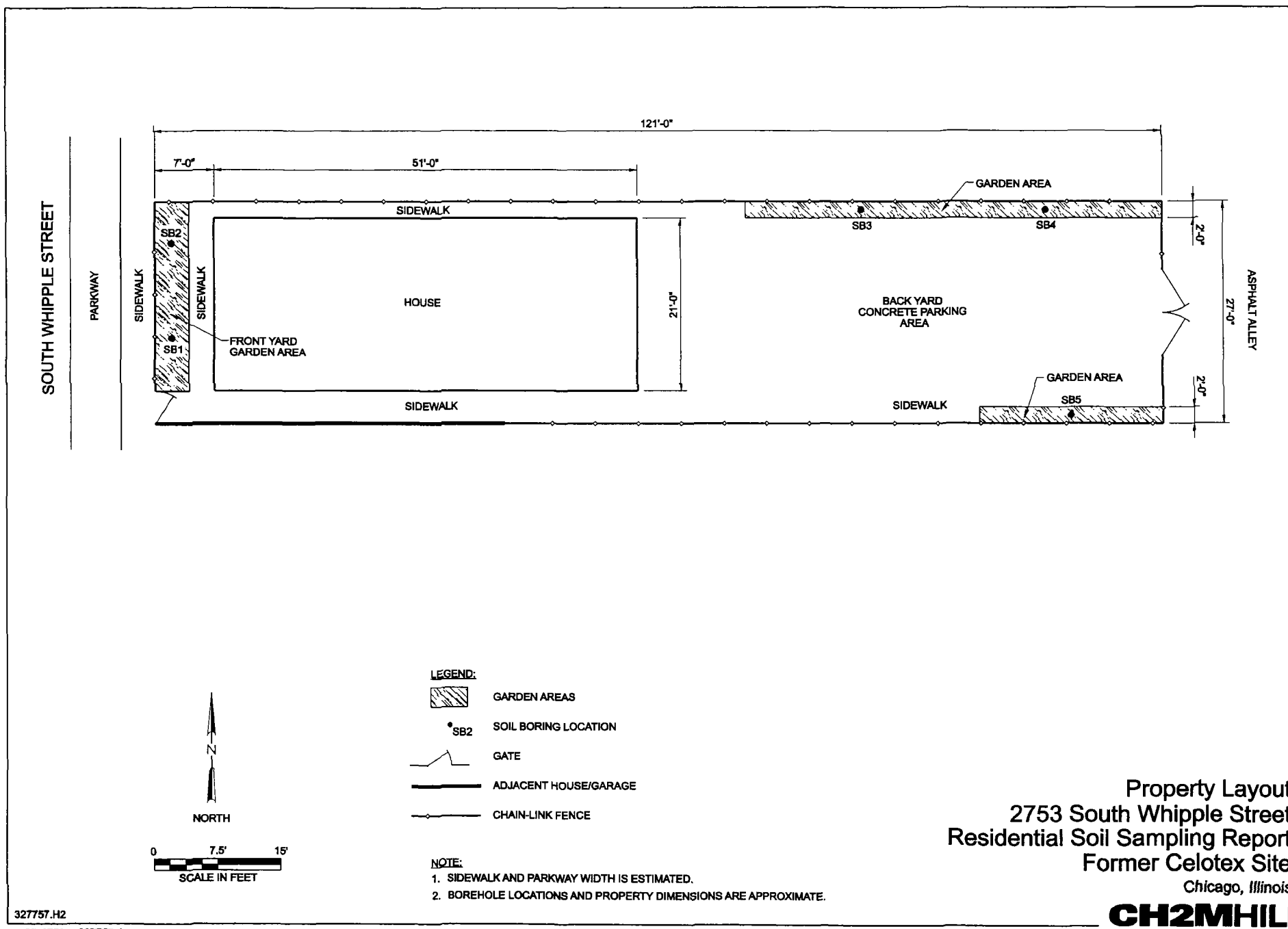
**NOTES:**

1. SIDEWALK AND PARKWAY WIDTH IS ESTIMATED.
2. BOREHOLE LOCATIONS AND PROPERTY DIMENSIONS ARE APPROXIMATE.



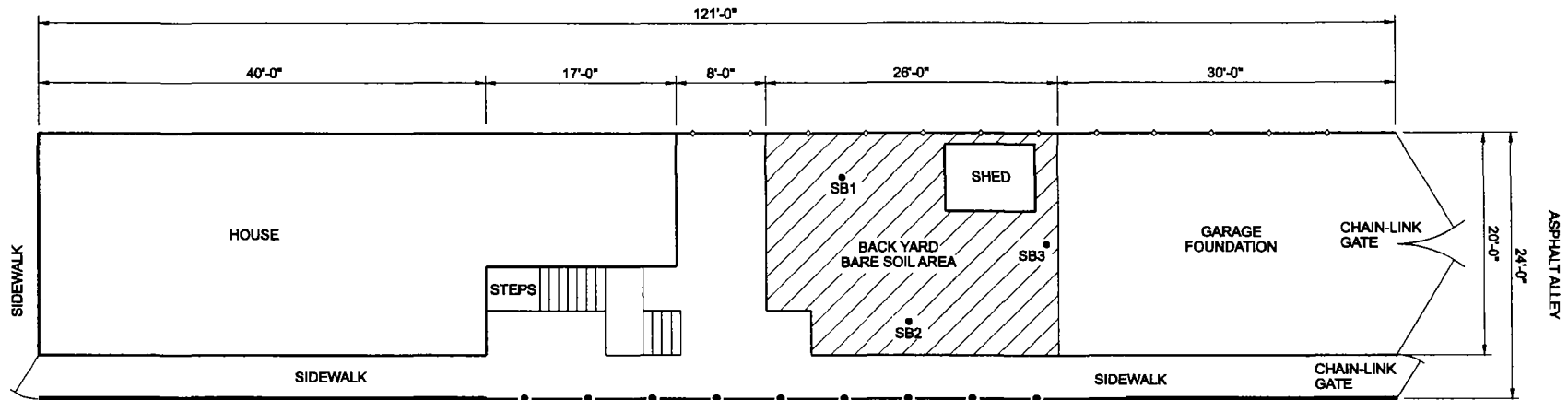
Property Layout  
2741 South Whipple Street  
Residential Soil Sampling Report  
Former Celotex Site  
Chicago, Illinois

**CH2MHILL**









SOUTH WHIPPLE STREET

PARKWAY

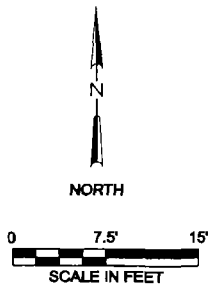


**LEGEND:**

-  BARE SOIL AREAS
-  SB2 SOIL BORING LOCATION
-  GATE
-  ADJACENT HOUSE/GARAGE
-  WOOD FENCE
-  CHAIN-LINK FENCE

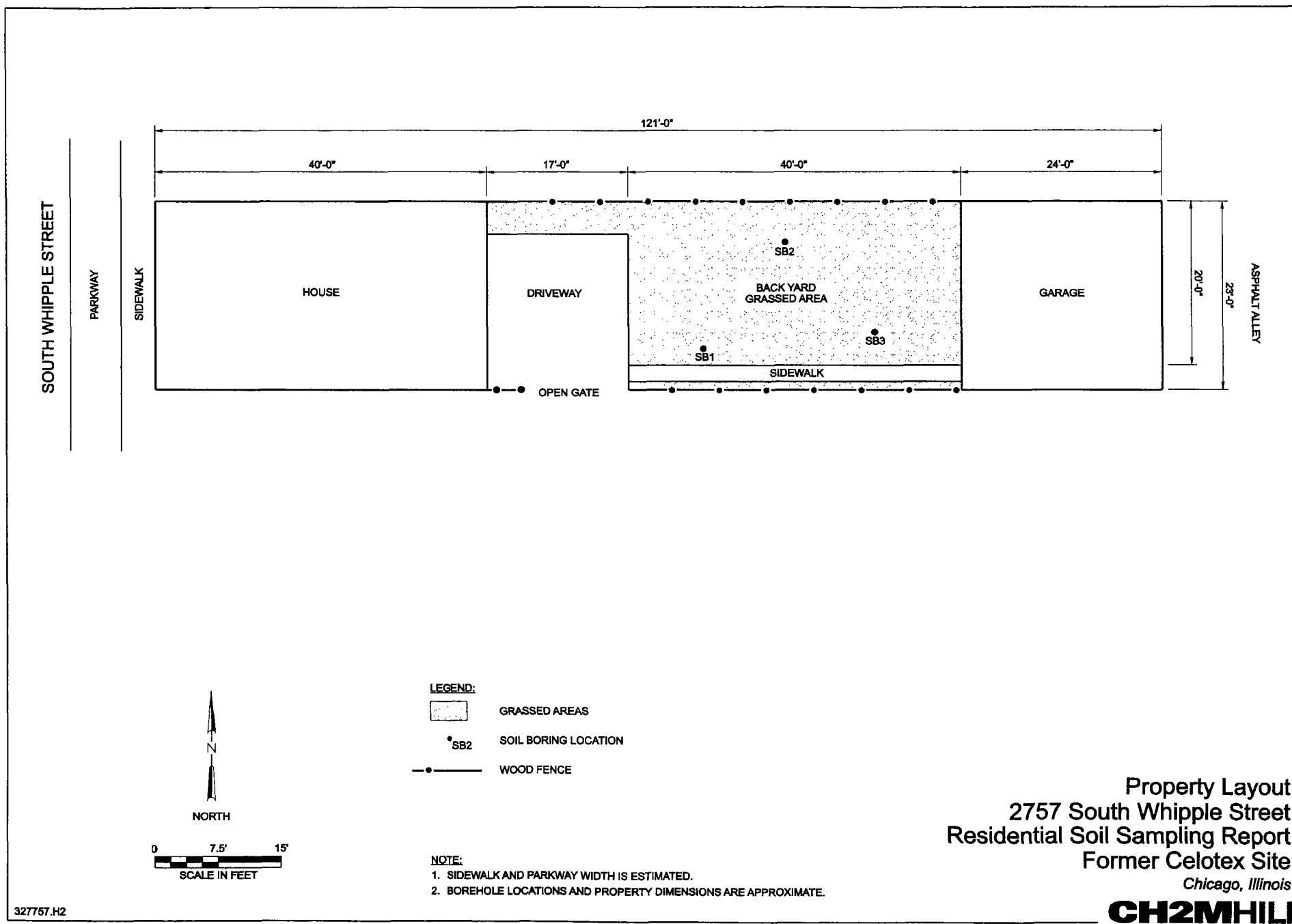
**NOTE:**

1. SIDEWALK AND PARKWAY WIDTH IS ESTIMATED.
2. BOREHOLE LOCATIONS AND PROPERTY DIMENSIONS ARE APPROXIMATE.



Property Layout  
2755 South Whipple Street  
Residential Soil Sampling Report  
Former Celotex Site  
Chicago, Illinois

**CH2MHILL**

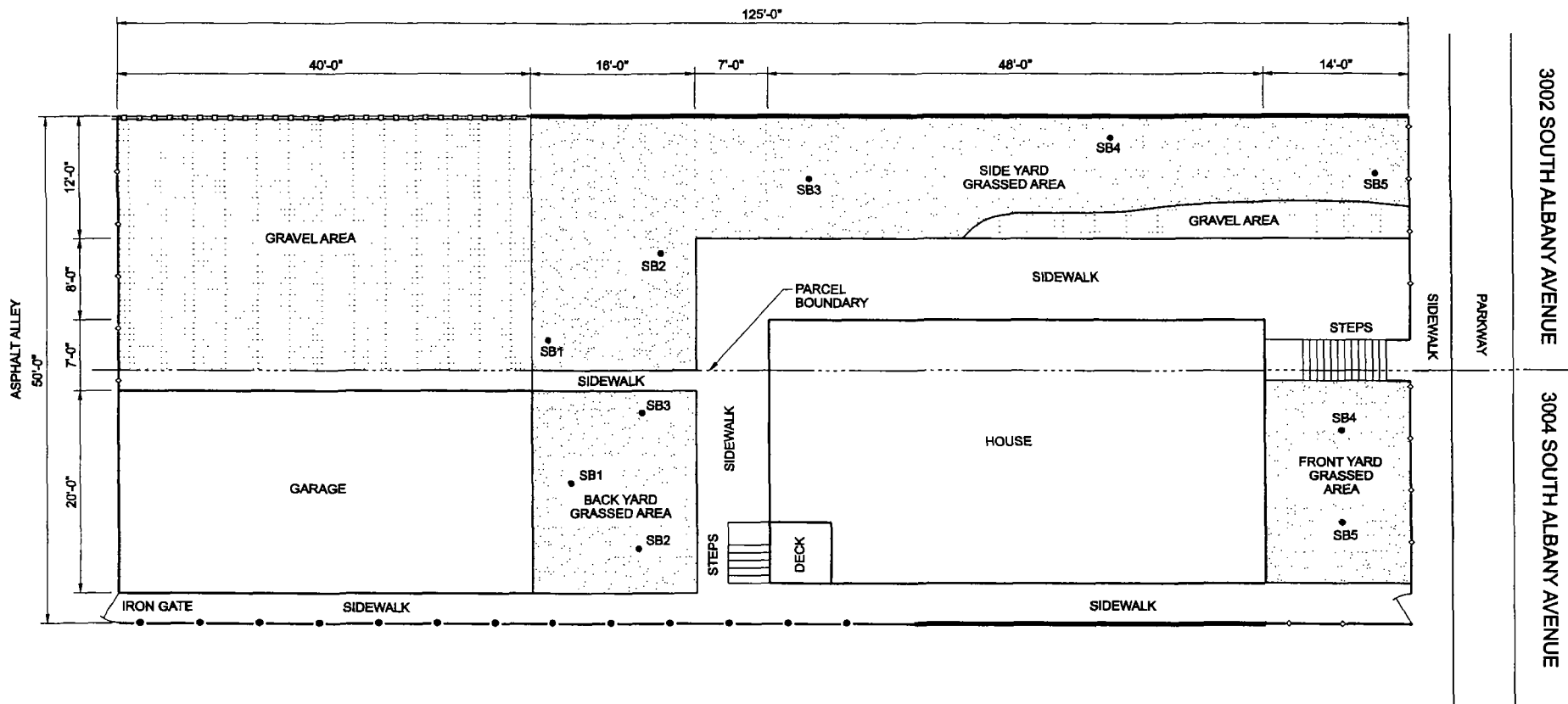




APPENDIX A

## **South Albany Avenue**

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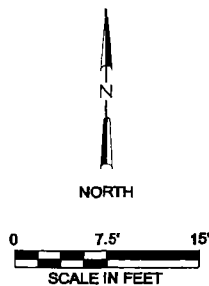


**LEGEND:**

- GRASSED AREAS
- GRAVEL AREAS
- SOIL BORING LOCATION
- GATE
- ADJACENT HOUSE/GARAGE
- WOOD FENCE
- CHAIN-LINK FENCE
- CONCRETE/BRICK WALL

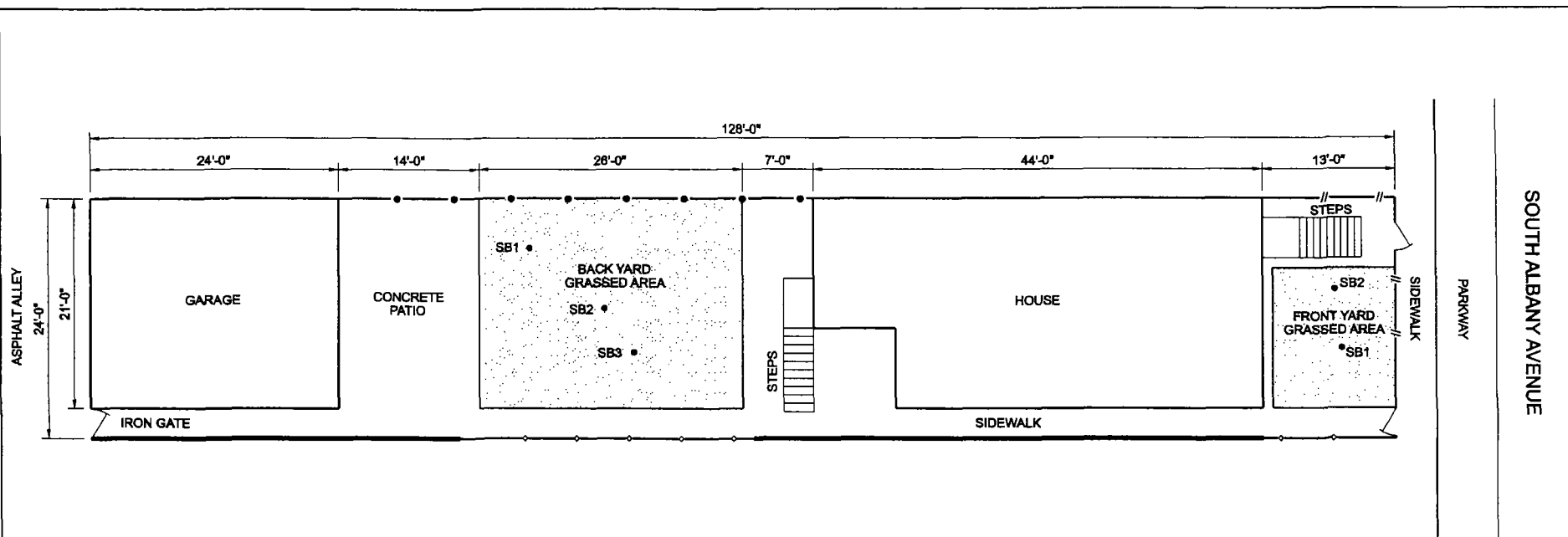
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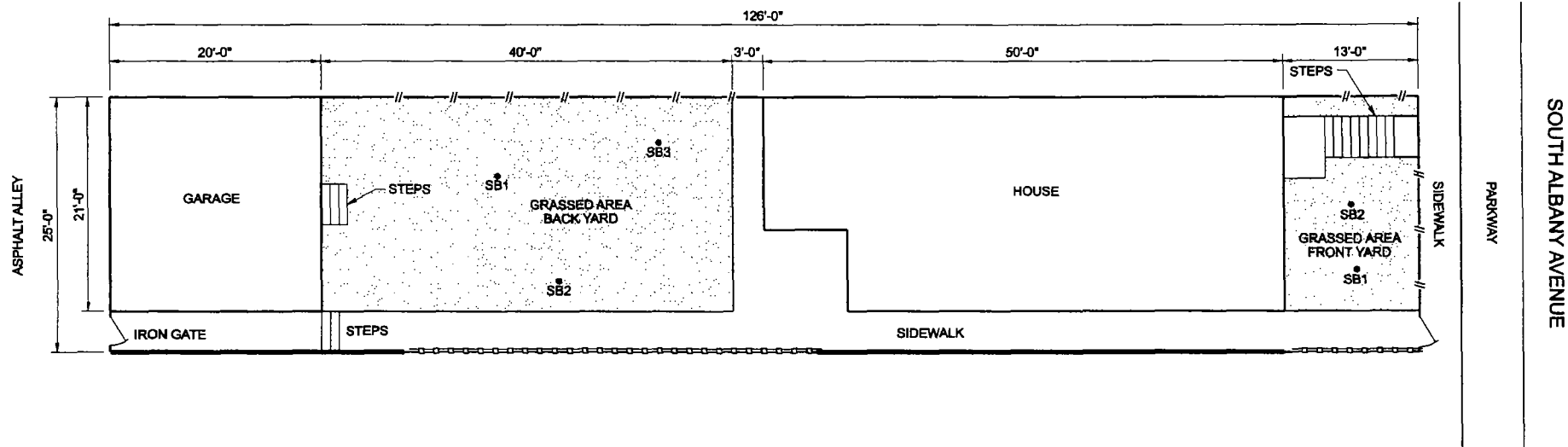
1. SIDEWALK AND PARKWAY WIDTH IS ESTIMATED.
2. BOREHOLE LOCATIONS AND PROPERTY DIMENSIONS ARE APPROXIMATE.



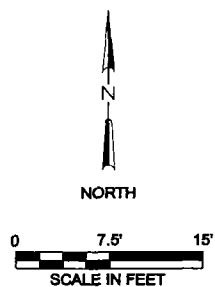
Property Layout  
 3002 and 3004 South Albany Avenue  
 Residential Soil Sampling Report  
 Former Celotex Site  
 Chicago, Illinois

**CH2MHILL**





- LEGEND:**
- GRASSED AREAS
  - SB2 SOIL BORING LOCATION
  - GATE
  - ADJACENT HOUSE/GARAGE
  - IRON/METAL FENCE
  - CONCRETE/BRICK WALL

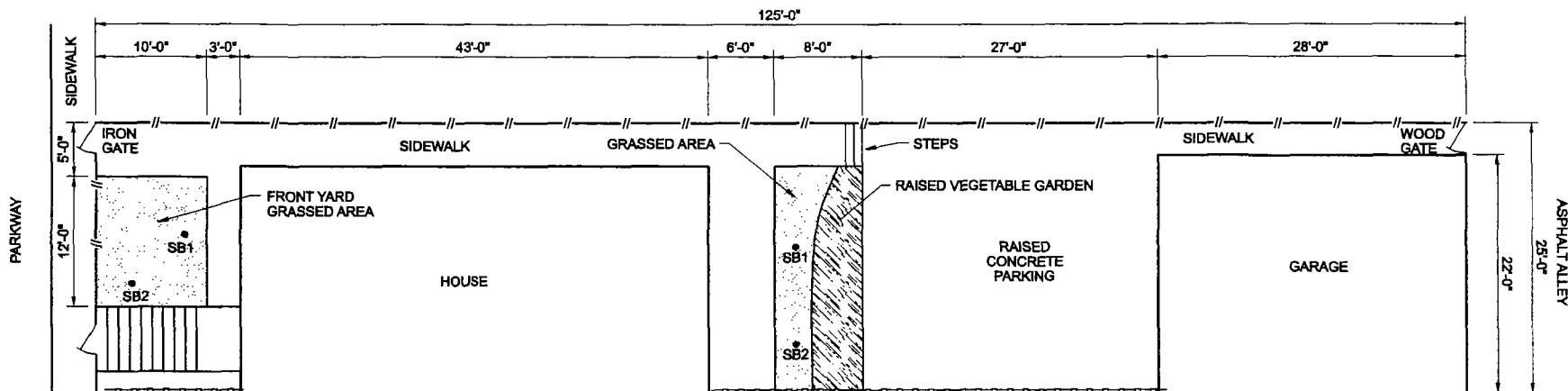


- NOTES:**
1. SIDEWALK AND PARKWAY WIDTH IS ESTIMATED.
  2. BOREHOLE LOCATIONS AND PROPERTY DIMENSIONS ARE APPROXIMATE.








Property Layout  
 3014 South Albany Avenue  
 Residential Soil Sampling Report  
 Former Celotex Site  
 Chicago, Illinois

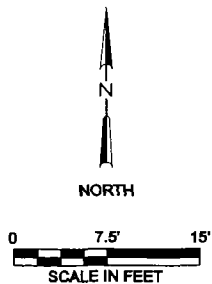
**CH2MHILL**

SOUTH ALBANY AVENUE



**LEGEND:**

-  GRASSED AREAS
-  GARDEN AREAS
-  SOIL BORING LOCATION
-  GATE
-  ADJACENT HOUSE/GARAGE
-  IRON/METAL FENCE
-  CONCRETE/BRICK WALL

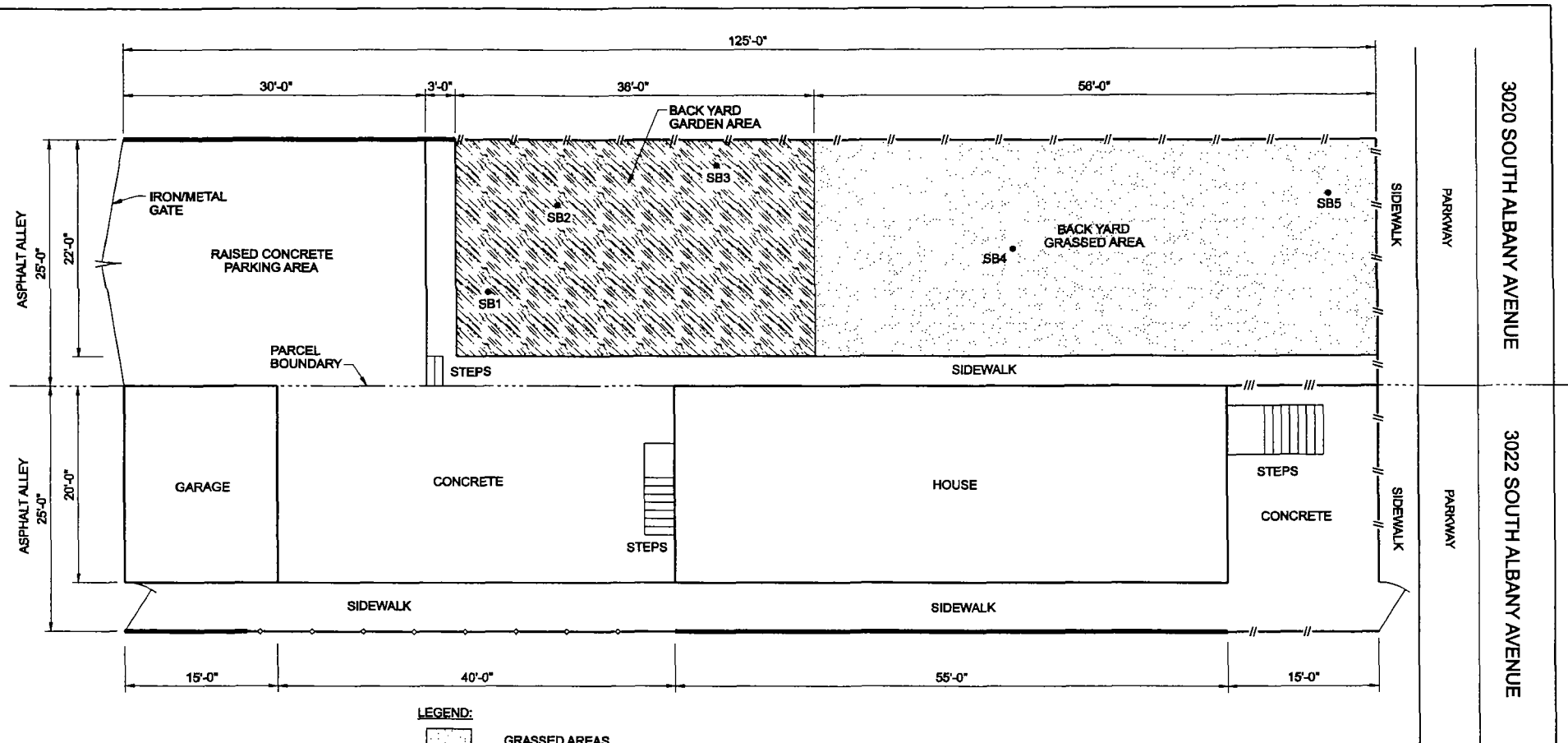


**NOTES:**

1. SIDEWALK AND PARKWAY WIDTH IS ESTIMATED.
2. BOREHOLE LOCATIONS AND PROPERTY DIMENSIONS ARE APPROXIMATE.

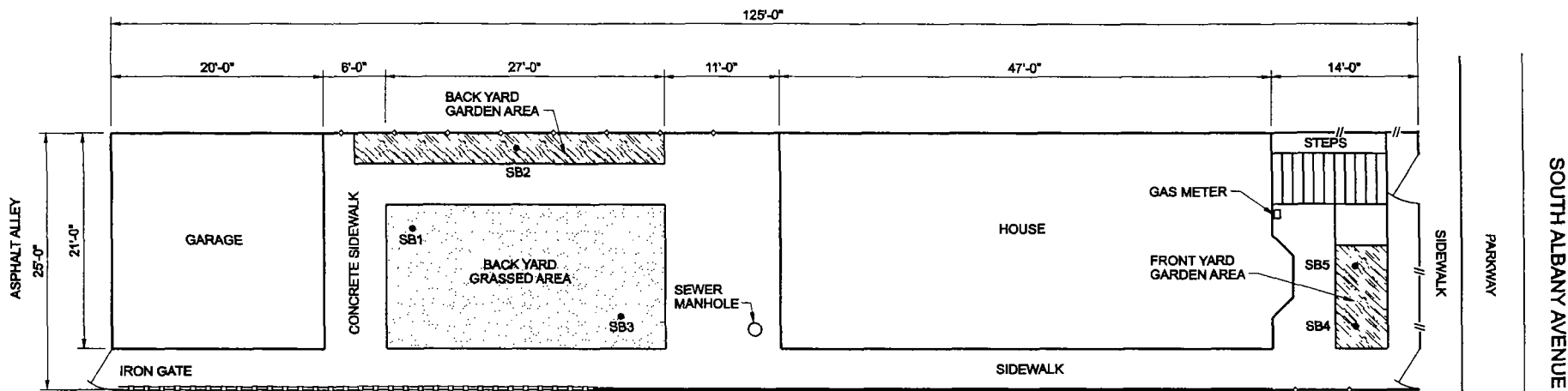
Property Layout  
3018 South Albany Avenue  
Residential Soil Sampling Report  
Former Celotex Site  
Chicago, Illinois

**CH2MHILL**











Property Layout  
 3020 and 3022 South Albany Avenue  
 Residential Soil Sampling Report  
 Former Celotex Site  
 Chicago, Illinois

**CH2MHILL**

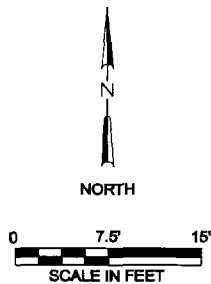


**LEGEND:**

-  GRASSED AREAS
-  GARDEN AREAS
-  SB2 SOIL BORING LOCATION
-  GATE
-  ADJACENT HOUSE/GARAGE
-  CHAIN-LINK FENCE
-  IRON/METAL FENCE
-  CONCRETE/BRICK WALL

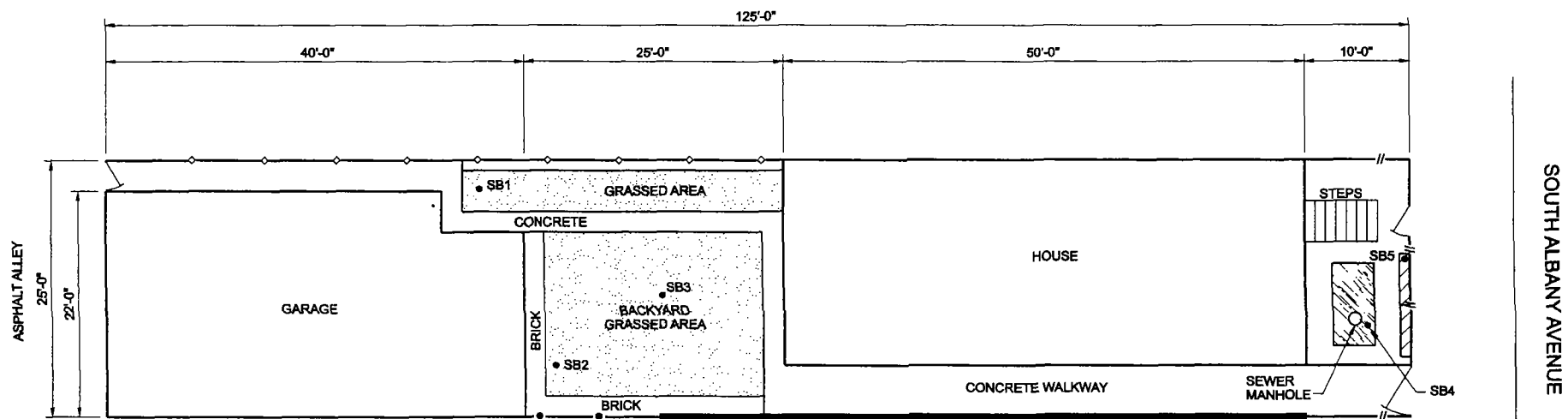
**NOTES:**

1. SIDEWALK AND PARKWAY WIDTH IS ESTIMATED.
2. BOREHOLE LOCATIONS AND PROPERTY DIMENSIONS ARE APPROXIMATE.












Property Layout  
3024 South Albany Avenue  
Residential Soil Sampling Report  
Former Celotex Site  
Chicago, Illinois

**CH2MHILL**

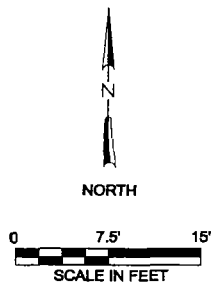


**LEGEND:**

-  GRASSED AREAS
-  GARDEN AREAS
-  BARE SOIL AREAS
-  SB2 SOIL BORING LOCATION
-  CHAIN LINK FENCE
-  IRON/METAL FENCE
-  WOOD FENCE
-  ADJACENT HOUSE/GARAGE
-  GATE

**NOTES:**

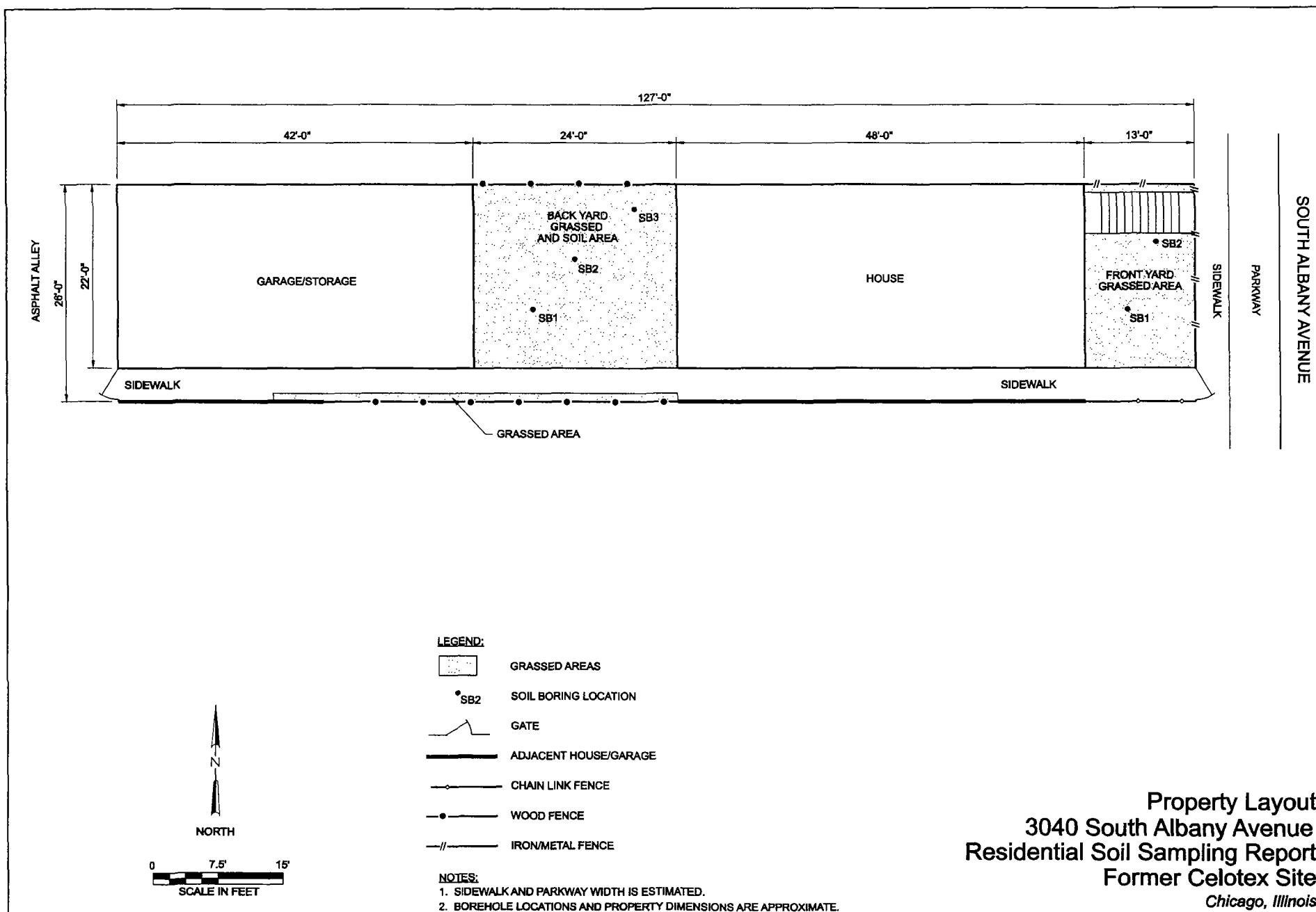
1. SIDEWALK AND PARKWAY WIDTH IS ESTIMATED.
2. BOREHOLE LOCATIONS AND PROPERTY DIMENSIONS ARE APPROXIMATE.



Property Layout  
3034 South Albany Avenue  
Residential Soil Sampling Report  
Former Celotex Site  
Chicago, Illinois

**CH2MHILL**

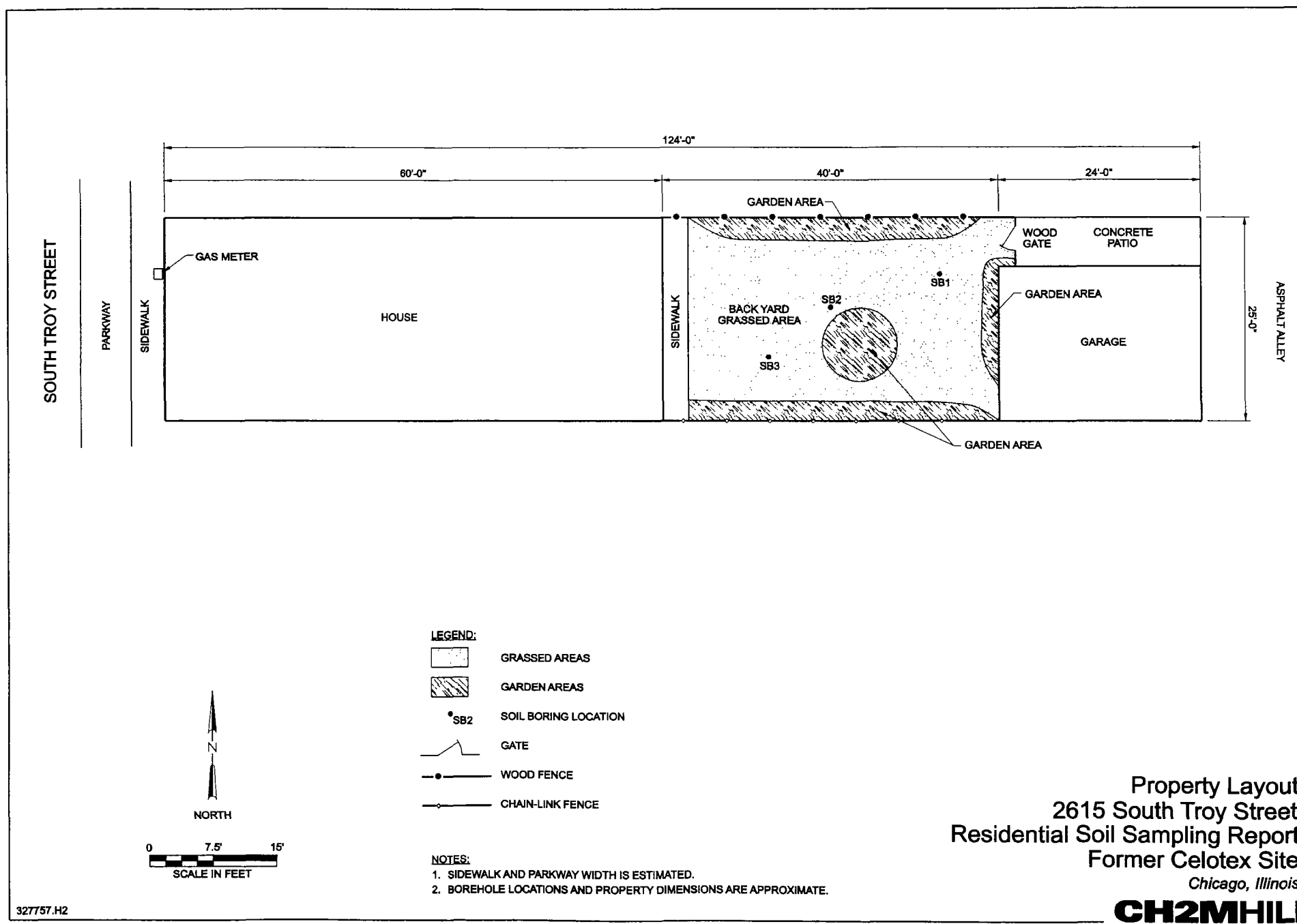




APPENDIX A

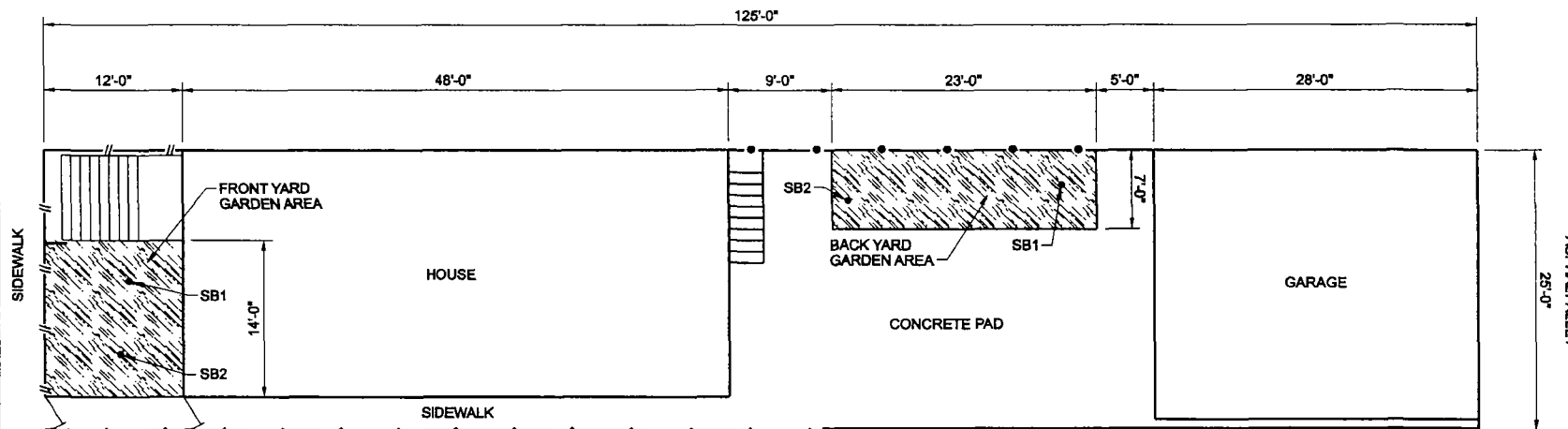
## **South Troy Street**

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








SOUTH TROY STREET

PARKWAY

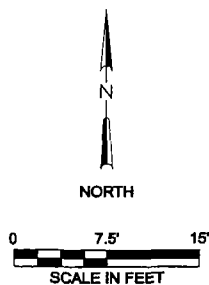


**LEGEND:**

-  GARDEN AREA
-  SOIL BORING LOCATION
-  GATE
-  CHAIN LINK FENCE
-  WOOD FENCE
-  IRON/METAL FENCE
-  ADJACENT HOUSE/GARAGE

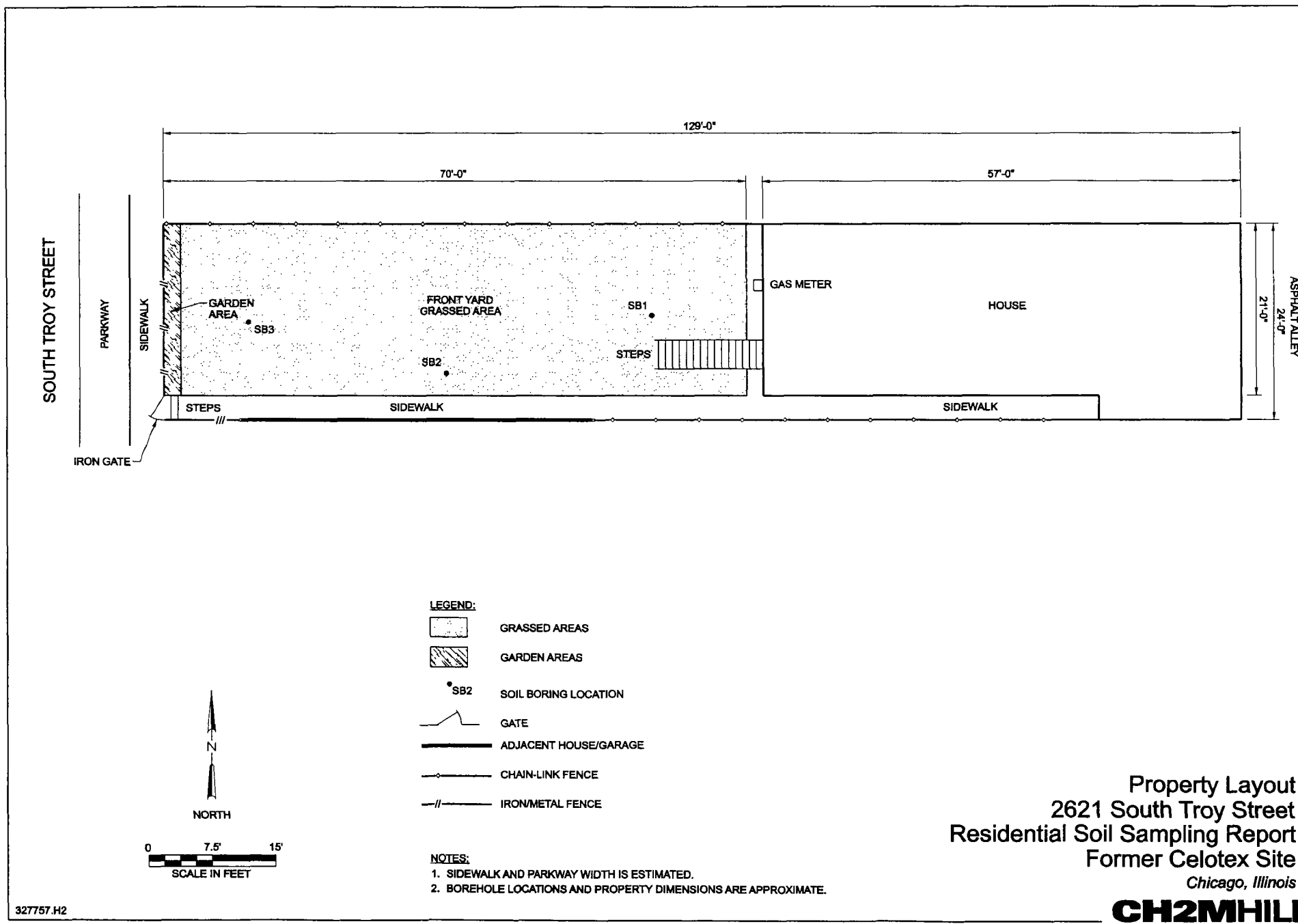
**NOTES:**

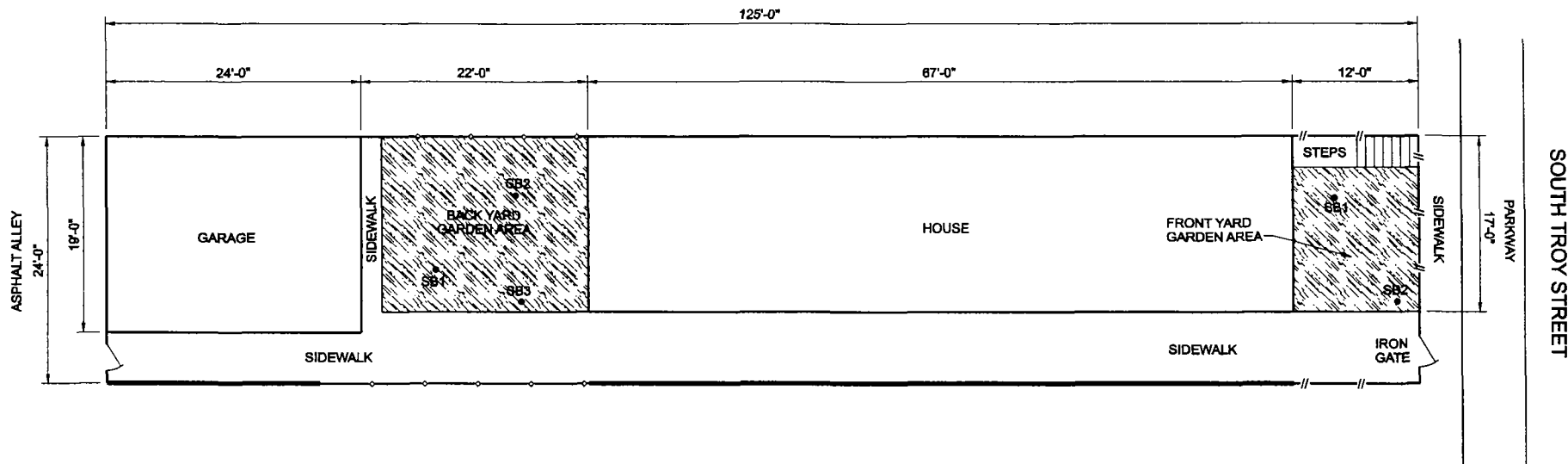
1. SIDEWALK AND PARKWAY WIDTH IS ESTIMATED.
2. BOREHOLE LOCATIONS AND PROPERTY DIMENSIONS ARE APPROXIMATE.



Property Layout  
2617 South Troy Street  
Residential Soil Sampling Report  
Former Celotex Site  
Chicago, Illinois

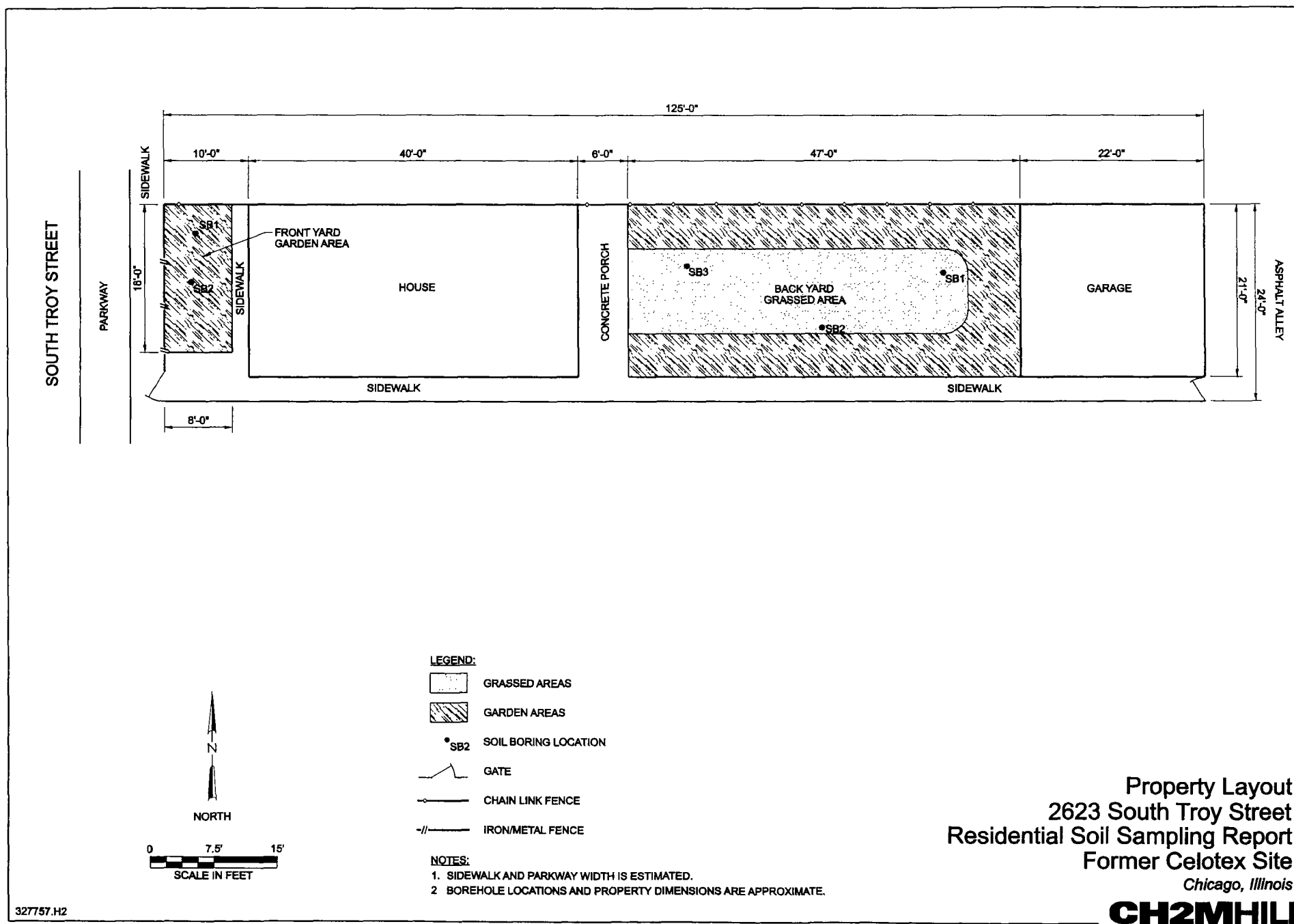
**CH2MHILL**

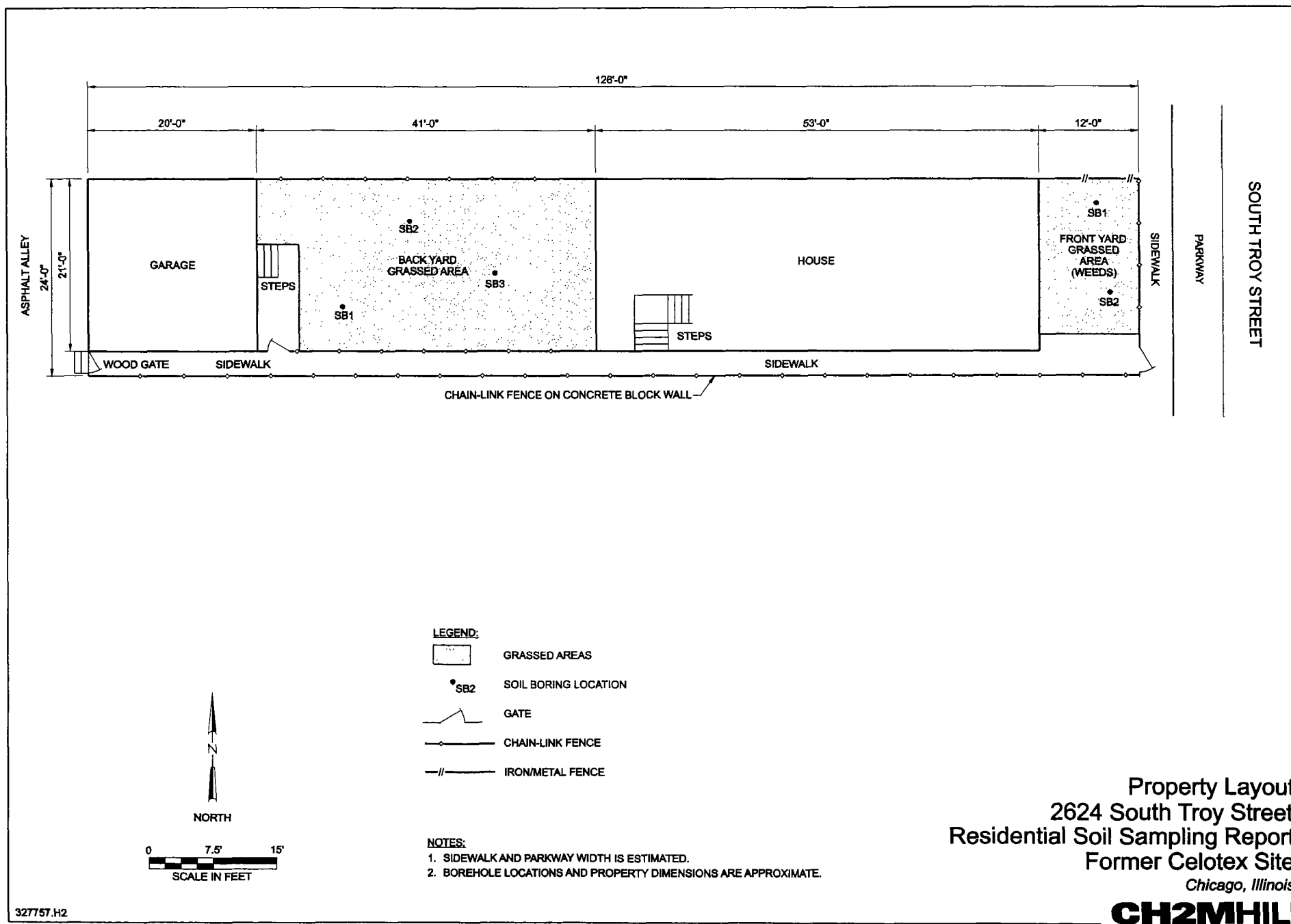




Property Layout  
2622 South Troy Street  
Residential Soil Sampling Report  
Former Celotex Site  
Chicago, Illinois

**CH2MHILL**



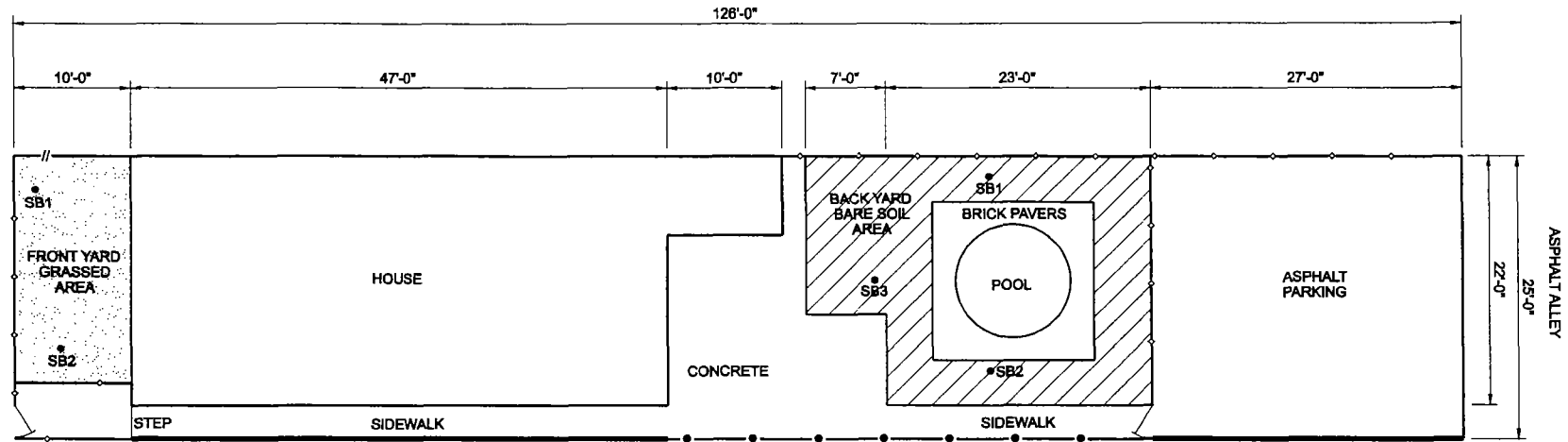












SOUTH TROY STREET

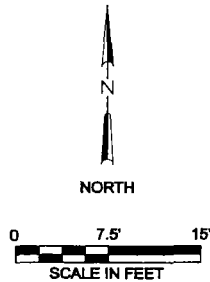
PARKWAY

SIDEWALK



**LEGEND:**

-  GRASSED AREAS
-  BARE SOIL AREAS
-  SOIL BORING LOCATION
-  GATE
-  ADJACENT HOUSE/GARAGE
-  WOOD FENCE
-  CHAIN-LINK FENCE
-  IRON/METAL FENCE

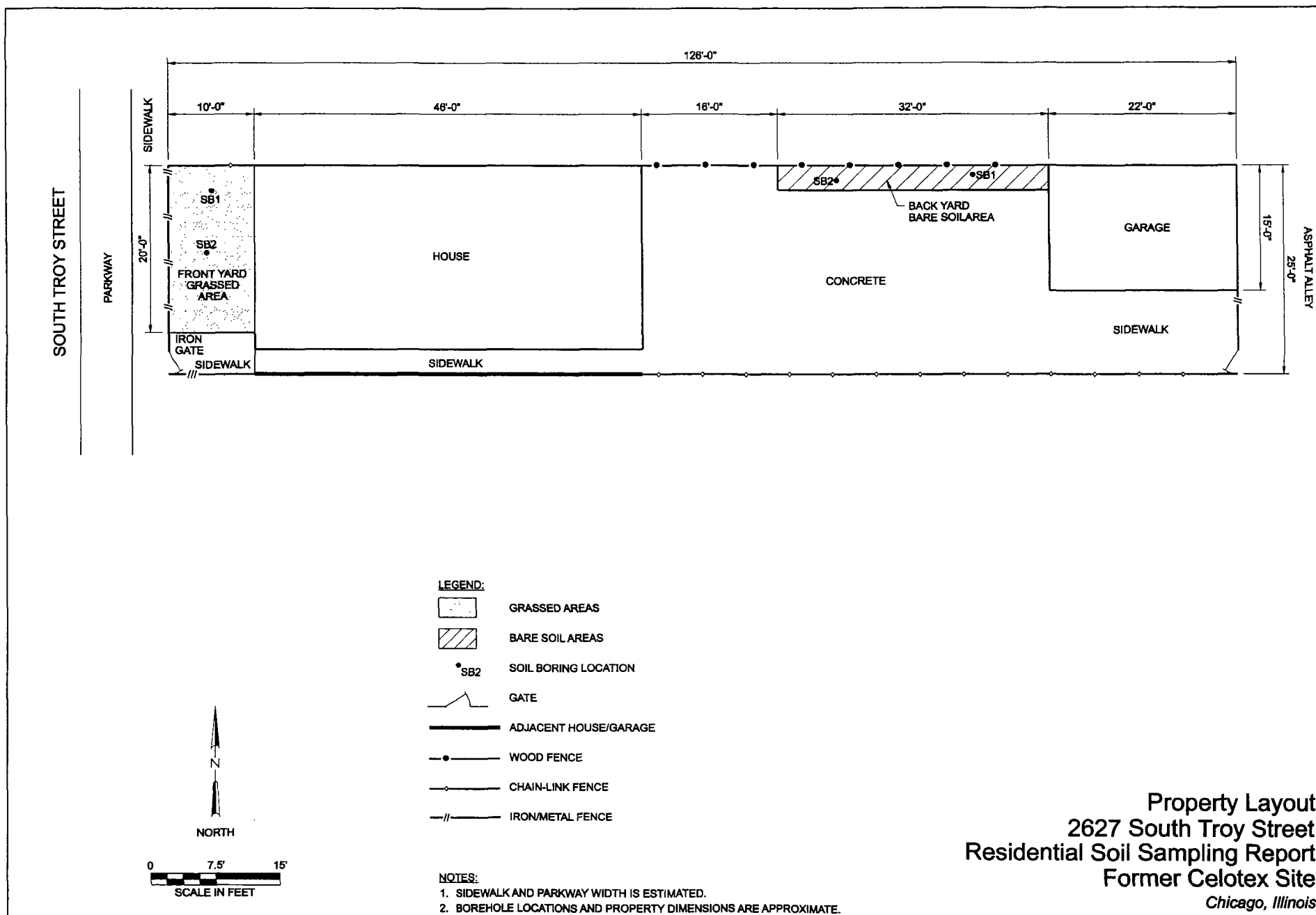


**NOTES:**

1. SIDEWALK AND PARKWAY WIDTH IS ESTIMATED.
2. BOREHOLE LOCATIONS AND PROPERTY DIMENSIONS ARE APPROXIMATE.

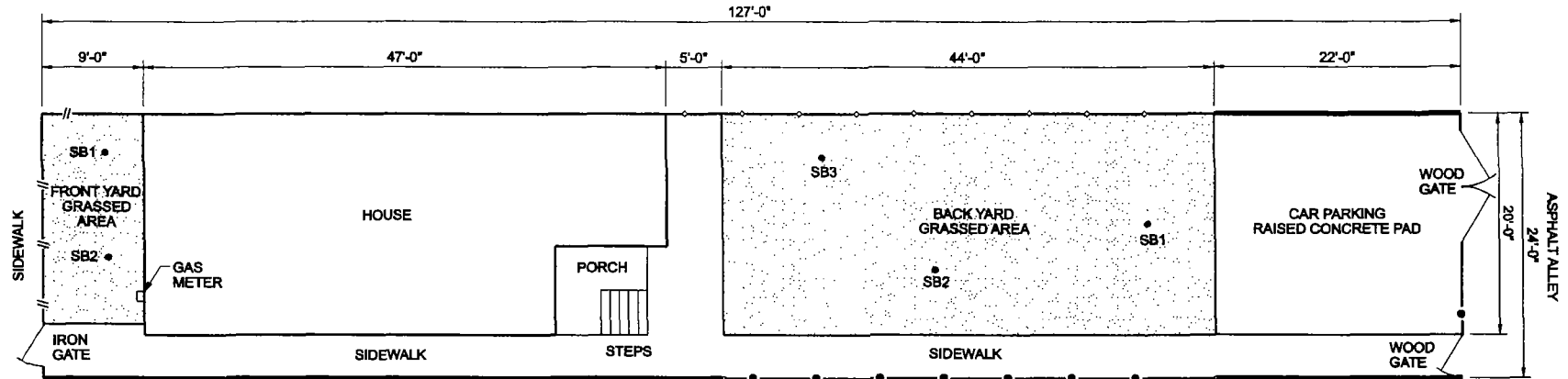
Property Layout  
2625 South Troy Street  
Residential Soil Sampling Report  
Former Celotex Site  
Chicago, Illinois

**CH2MHILL**










SOUTH TROY STREET

PARKWAY

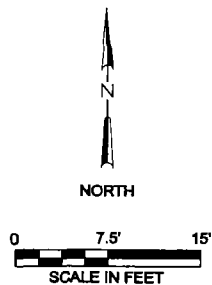


**LEGEND:**

-  GRASSED AREAS
-  SB2 SOIL BORING LOCATION
-  GATE
-  ADJACENT HOUSE/GARAGE
-  WOOD FENCE
-  CHAIN-LINK FENCE
-  IRON/METAL FENCE

**NOTES:**

1. SIDEWALK AND PARKWAY WIDTH IS ESTIMATED.
2. BOREHOLE LOCATIONS AND PROPERTY DIMENSIONS ARE APPROXIMATE.

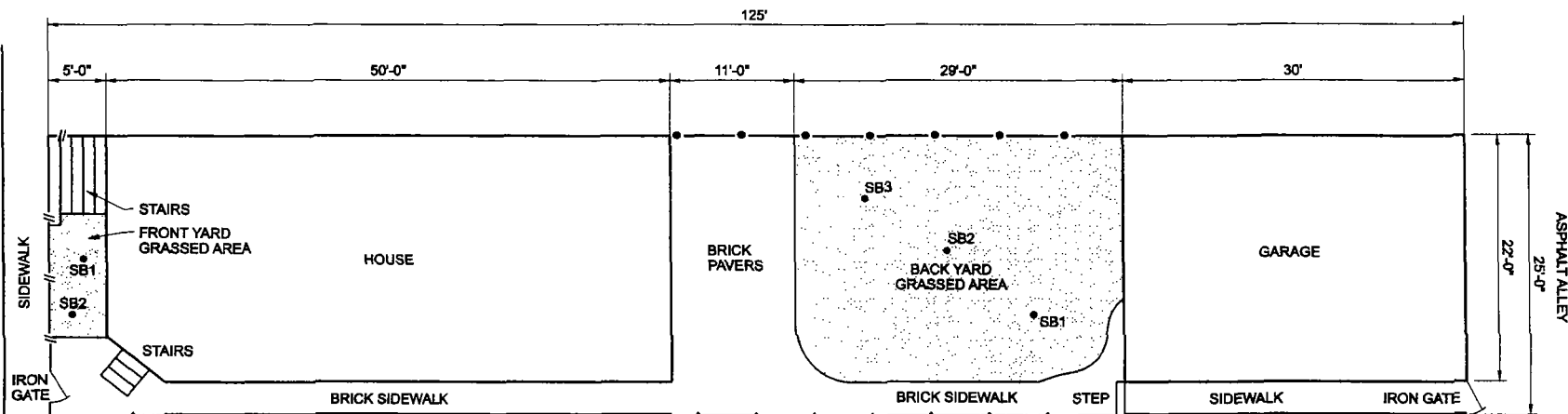


Property Layout  
2631 South Troy Street  
Residential Soil Sampling Report  
Former Celotex Site  
Chicago, Illinois








**CH2MHILL**

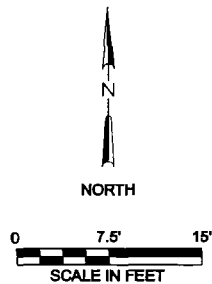
SOUTH TROY STREET

PARKWAY



**LEGEND:**

-  GRASSED AREAS
-  SOIL BORING LOCATION
-  GATE
-  ADJACENT HOUSE/GARAGE
-  WOOD FENCE
-  CHAIN-LINK FENCE
-  IRON/METAL FENCE

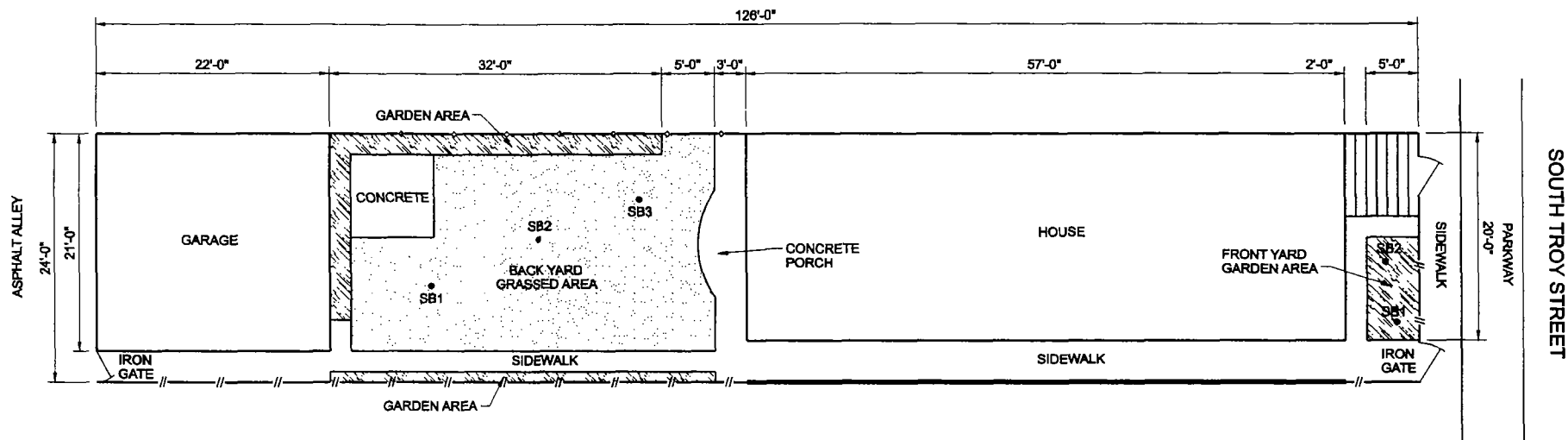


**NOTES:**








1. SIDEWALK AND PARKWAY WIDTH IS ESTIMATED.
2. BOREHOLE LOCATIONS AND PROPERTY DIMENSIONS ARE APPROXIMATE.

Property Layout  
2633 South Troy Street  
Residential Soil Sampling Report  
Former Celotex Site  
Chicago, Illinois

**CH2MHILL**

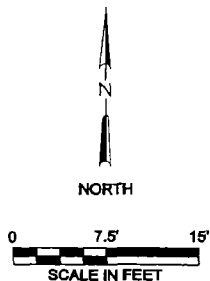


**LEGEND:**

-  GRASSED AREAS
-  GARDEN AREAS
-  SOIL BORING LOCATION
-  GATE
-  ADJACENT HOUSE/GARAGE
-  CHAIN-LINK FENCE
-  IRON/METAL FENCE

**NOTES:**

1. SIDEWALK AND PARKWAY WIDTH IS ESTIMATED.
2. BOREHOLE LOCATIONS AND PROPERTY DIMENSIONS ARE APPROXIMATE.



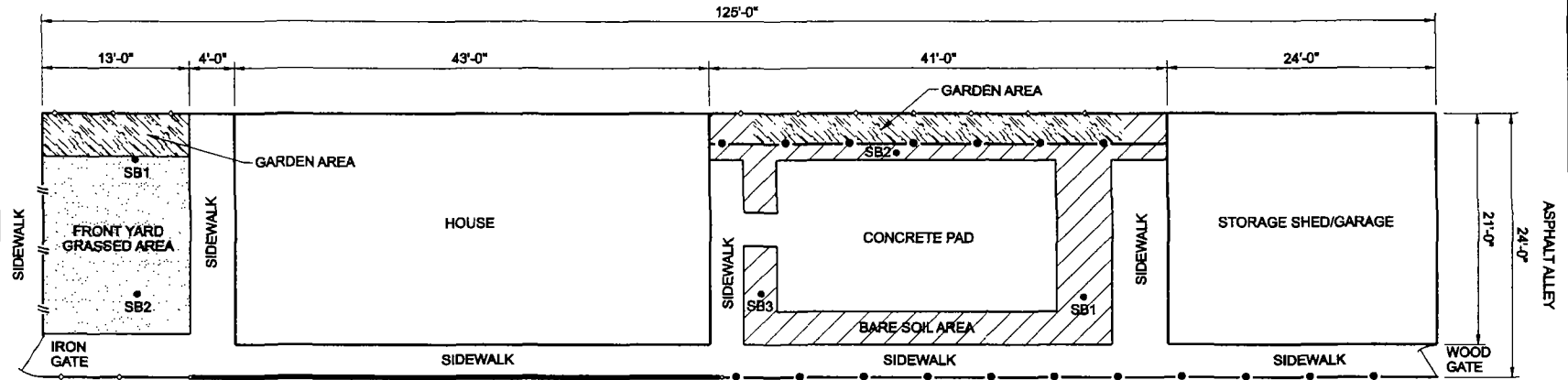
Property Layout  
2634 South Troy Street  
Residential Soil Sampling Report  
Former Celotex Site

Chicago, Illinois










**CH2MHILL**

SOUTH TROY STREET

PARKWAY

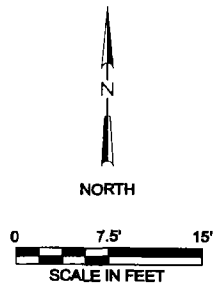


**LEGEND:**

-  GRASSED AREAS
-  GARDEN AREAS
-  BARE SOIL AREAS
-  SOIL BORING LOCATION
-  GATE
-  ADJACENT HOUSE/GARAGE
-  WOOD FENCE
-  CHAIN-LINK FENCE
-  IRON/METAL FENCE

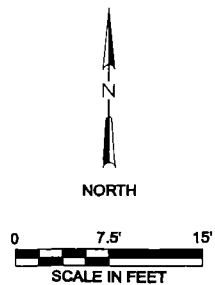
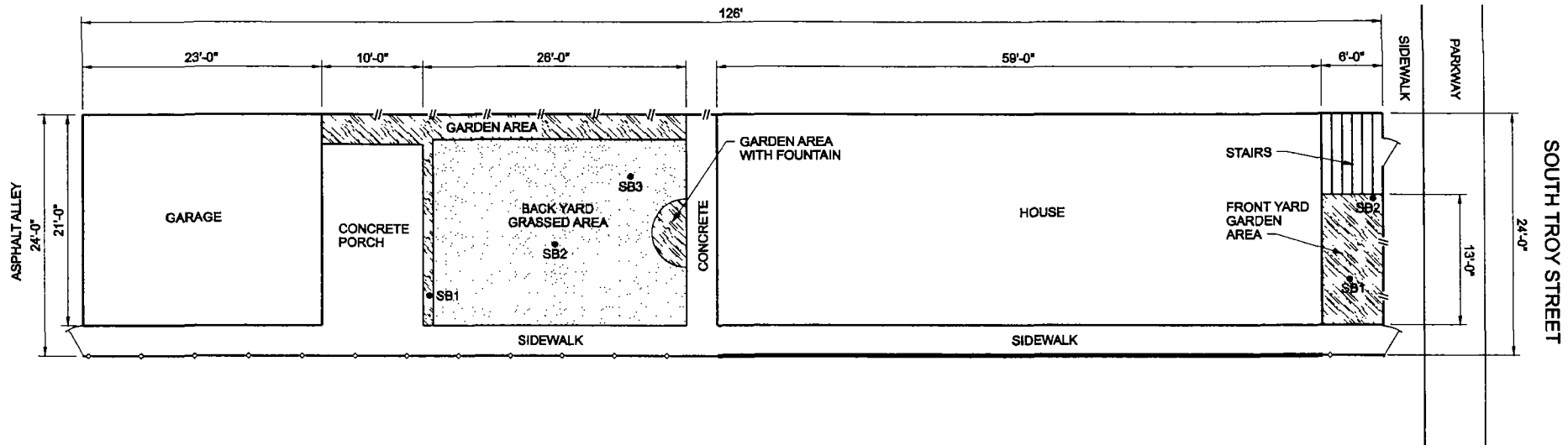
**NOTES:**

1. SIDEWALK AND PARKWAY WIDTH IS ESTIMATED.
2. BOREHOLE LOCATIONS AND PROPERTY DIMENSIONS ARE APPROXIMATE.



Property Layout  
2635 South Troy Street  
Residential Soil Sampling Report  
Former Celotex Site  
Chicago, Illinois

**CH2MHILL**



**LEGEND:**

- GRASSED AREAS
- GARDEN AREAS
- SOIL BORING LOCATION
- GATE
- ADJACENT HOUSE/GARAGE
- CHAIN LINK FENCE
- IRON/METAL FENCE

**NOTES:**

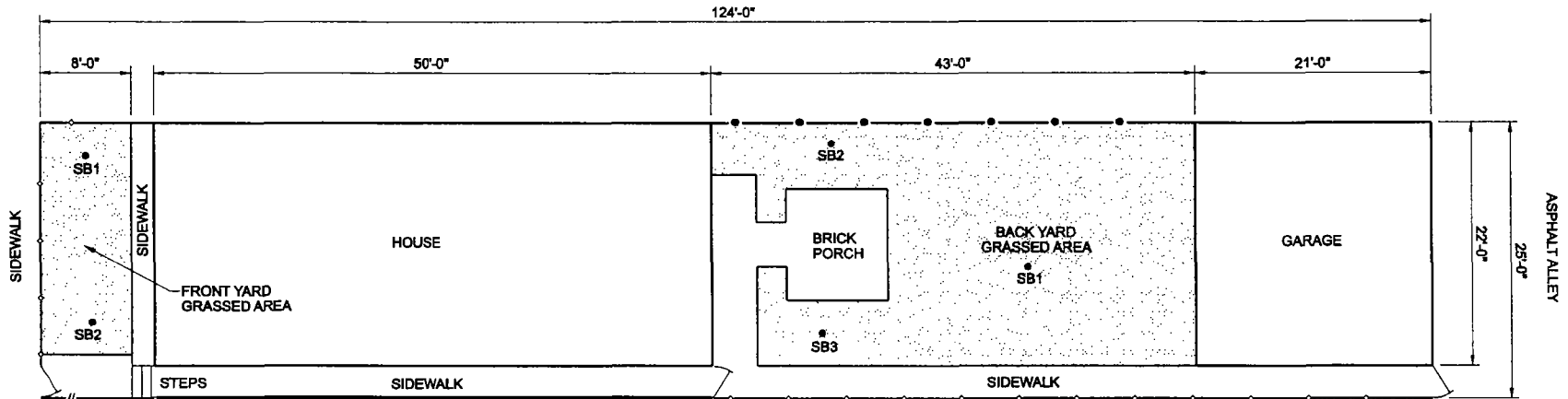
1. SIDEWALK AND PARKWAY WIDTH IS ESTIMATED.
2. BOREHOLE LOCATIONS AND PROPERTY DIMENSIONS ARE APPROXIMATE.

Property Layout  
2636 South Troy Street  
Residential Soil Sampling Report  
Former Celotex Site  
Chicago, Illinois








**CH2MHILL**

SOUTH TROY STREET

PARKWAY



**LEGEND:**

-  GRASSED AREAS
-  SOIL BORING LOCATION
-  GATE
-  ADJACENT HOUSE/GARAGE
-  WOOD FENCE
-  CHAIN-LINK FENCE
-  IRON/METAL FENCE

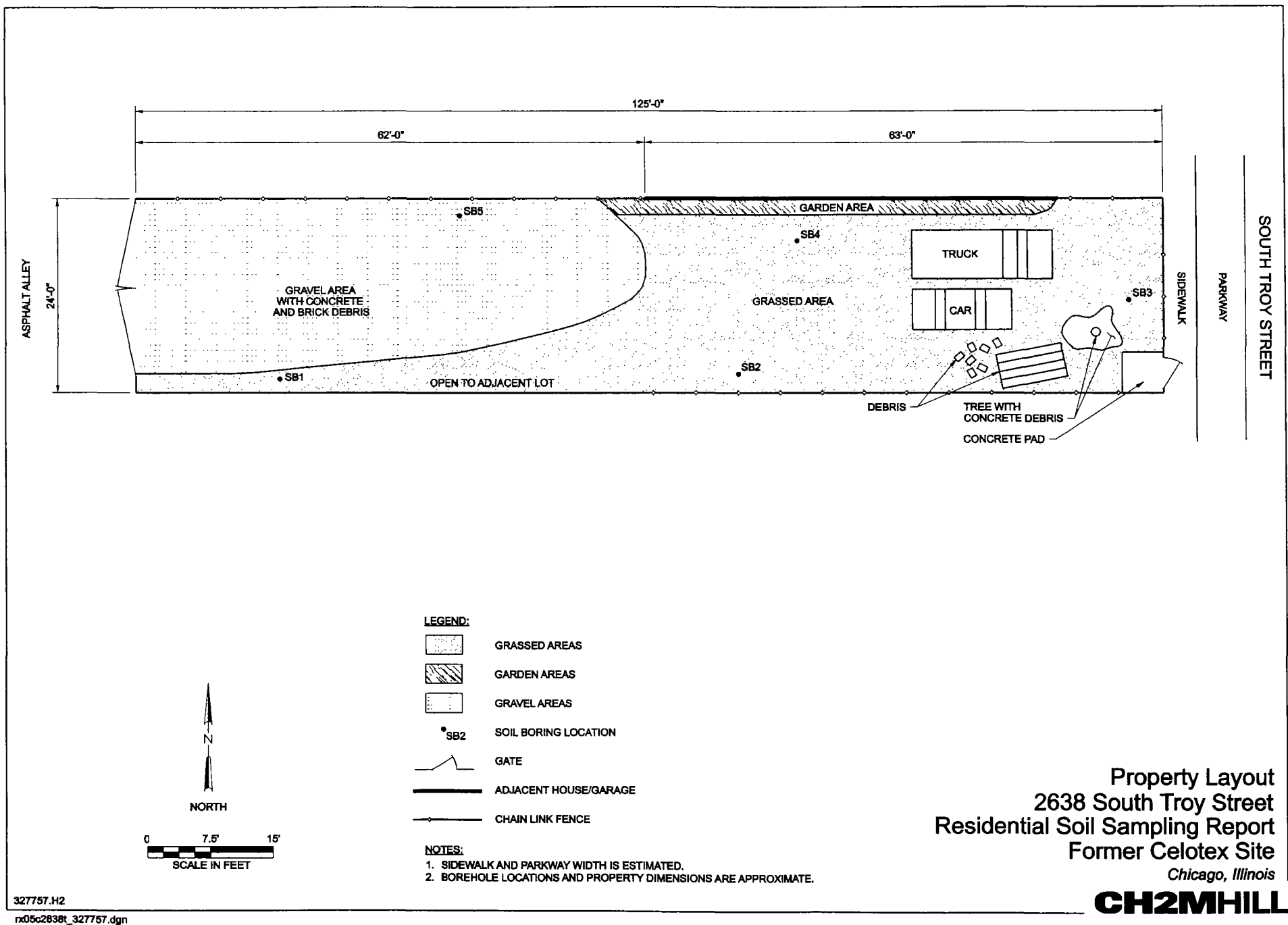
**NOTES:**

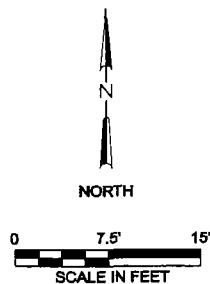
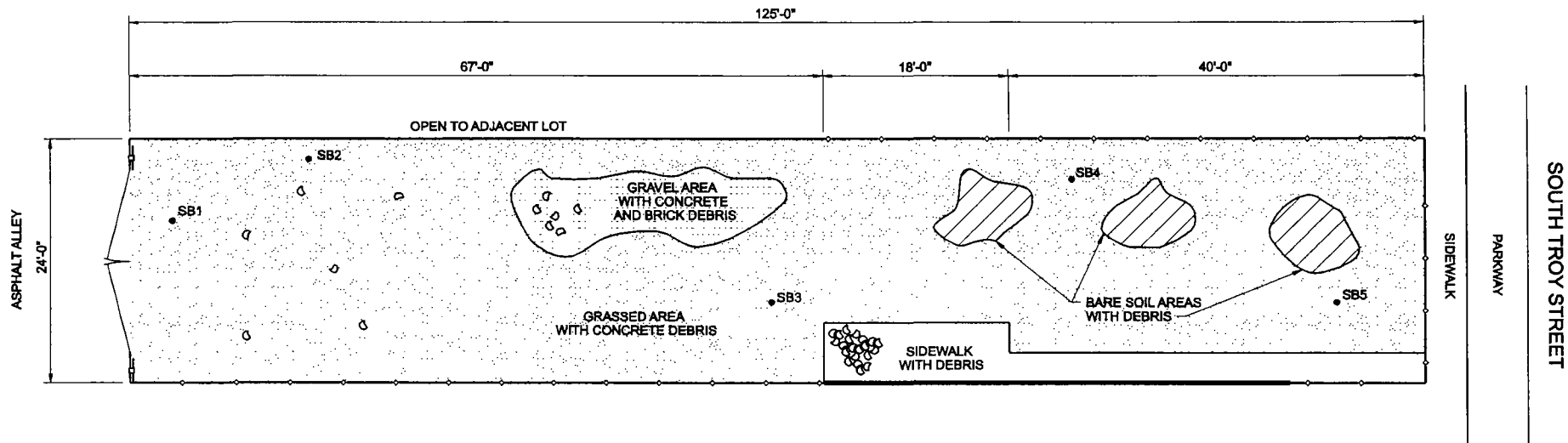
1. SIDEWALK AND PARKWAY WIDTH IS ESTIMATED.
2. BOREHOLE LOCATIONS AND PROPERTY DIMENSIONS ARE APPROXIMATE.

Property Layout  
2637 South Troy Street  
Residential Soil Sampling Report  
Former Celotex Site  
Chicago, Illinois









**CH2MHILL**







**LEGEND:**

-  GRASSY AREAS
-  BARE SOIL AREAS
-  GRAVEL AREAS
-  SOIL BORING LOCATION
-  GATE
-  ADJACENT HOUSE/GARAGE
-  CHAIN LINK FENCE
-  CONCRETE/BRICK WALL

**NOTES:**

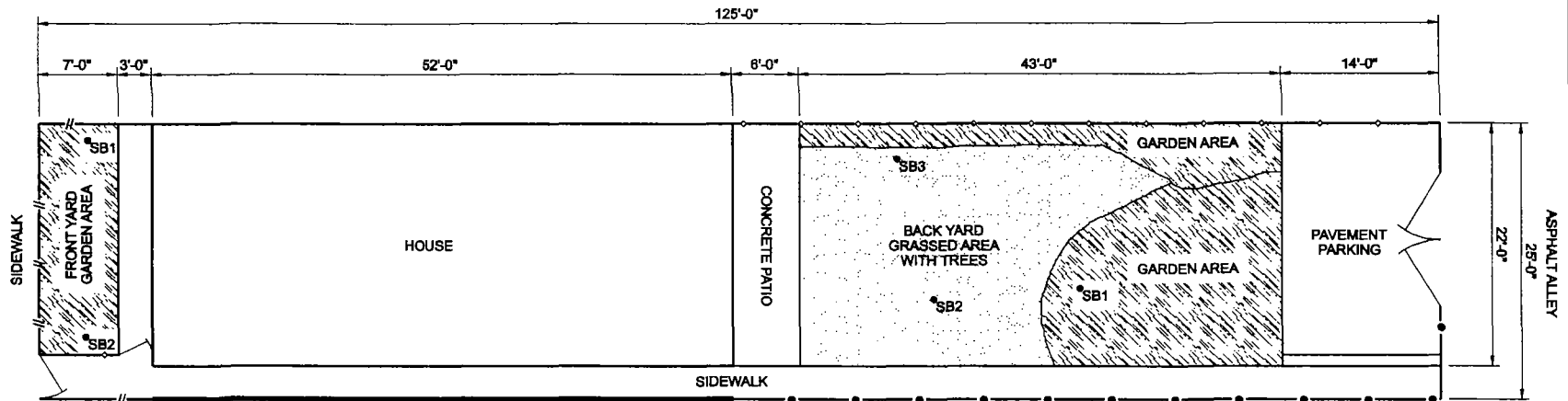
1. SIDEWALK AND PARKWAY WIDTH IS ESTIMATED.
2. BOREHOLE LOCATIONS AND PROPERTY DIMENSIONS ARE APPROXIMATE.

Property Layout  
2640 South Troy Street  
Residential Soil Sampling Report  
Former Celotex Site  
Chicago, Illinois









**CH2MHILL**

SOUTH TROY STREET

PARKWAY

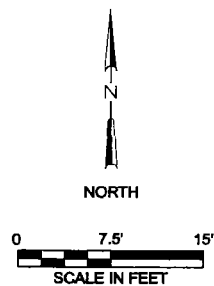


**LEGEND:**

-  GRASSED AREAS
-  GARDEN AREAS
-  SOIL BORING LOCATION
-  GATE
-  ADJACENT HOUSE/GARAGE
-  CHAIN LINK FENCE
-  WOOD FENCE
-  IRON/METAL FENCE

**NOTES:**

1. SIDEWALK AND PARKWAY WIDTH IS ESTIMATED.
2. BOREHOLE LOCATIONS AND PROPERTY DIMENSIONS ARE APPROXIMATE.



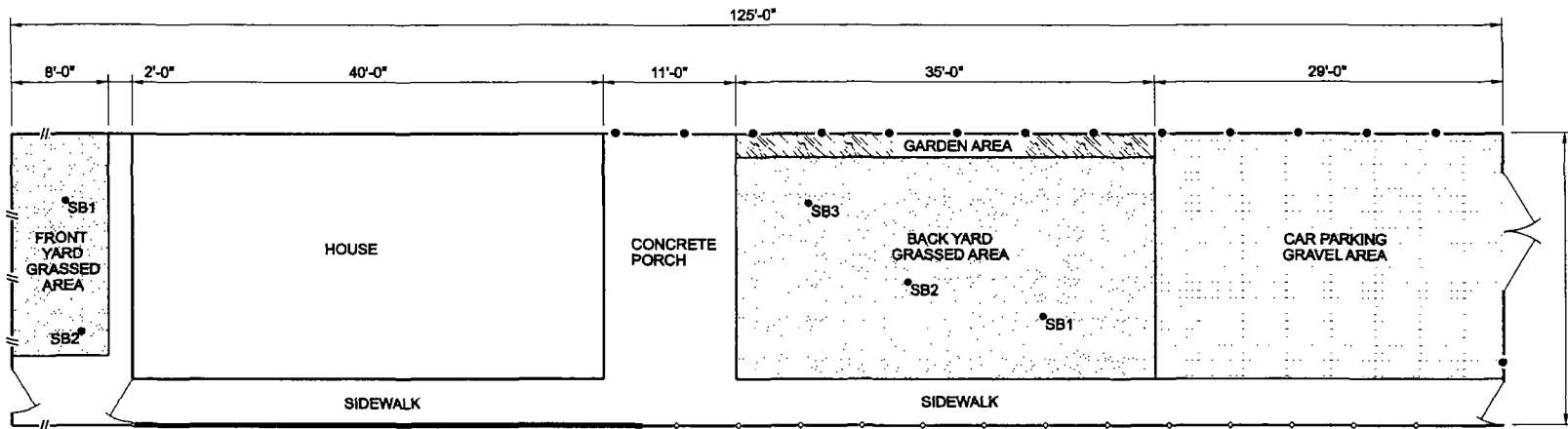
Property Layout  
2641 South Troy Street  
Residential Soil Sampling Report  
Former Celotex Site  
Chicago, Illinois

**CH2MHILL**

SOUTH TROY STREET










PARKWAY

SIDEWALK



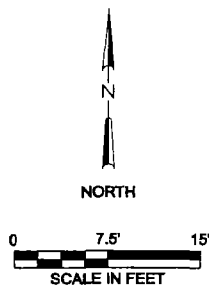
ASPHALT ALLEY

**LEGEND:**

-  GRASSED AREAS
-  GARDEN AREAS
-  GRAVEL AREAS
-  SOIL BORING LOCATION
-  GATE
-  ADJACENT HOUSE/GARAGE
-  CHAIN LINK FENCE
-  WOOD FENCE
-  IRON/METAL FENCE

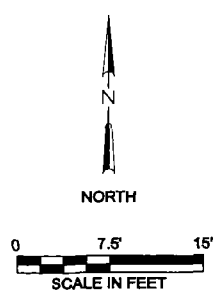
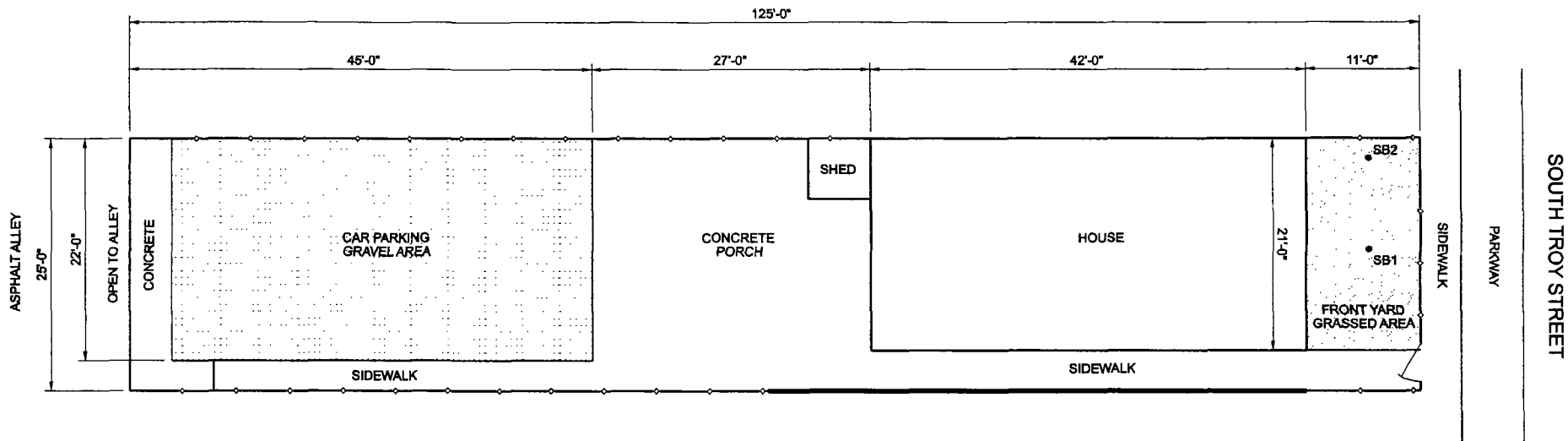
**NOTES:**

1. SIDEWALK AND PARKWAY WIDTH IS ESTIMATED.
2. BOREHOLE LOCATIONS AND PROPERTY DIMENSIONS ARE APPROXIMATE.



Property Layout  
2643 South Troy Street  
Residential Soil Sampling Report  
Former Celotex Site  
Chicago, Illinois

**CH2MHILL**



- LEGEND:**
- GRASSED AREAS
  - GRAVEL AREAS
  - SOIL BORING LOCATION
  - GATE
  - ADJACENT HOUSE/GARAGE
  - CHAIN LINK FENCE

- NOTES:**
1. SIDEWALK AND PARKWAY WIDTH IS ESTIMATED.
  2. BOREHOLE LOCATIONS AND PROPERTY DIMENSIONS ARE APPROXIMATE.

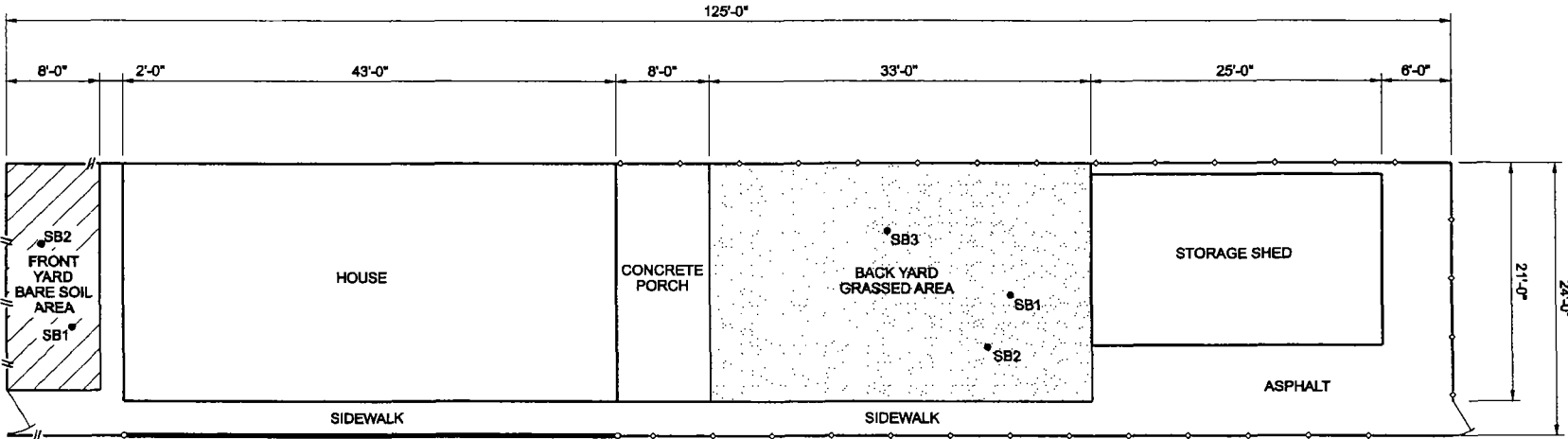
Property Layout  
 2644 South Troy Street  
 Residential Soil Sampling Report  
 Former Celotex Site  
 Chicago, Illinois

**CH2MHILL**

SOUTH TROY STREET








PARKWAY

SIDEWALK



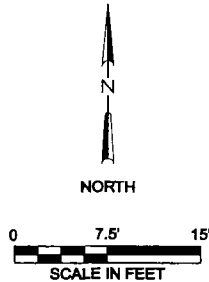
ASPHALT ALLEY

LEGEND:

-  GRASSED AREAS
-  BARE SOIL AREAS
-  SOIL BORING LOCATION
-  GATE
-  ADJACENT HOUSE/GARAGE
-  CHAIN LINK FENCE
-  IRON/METAL FENCE

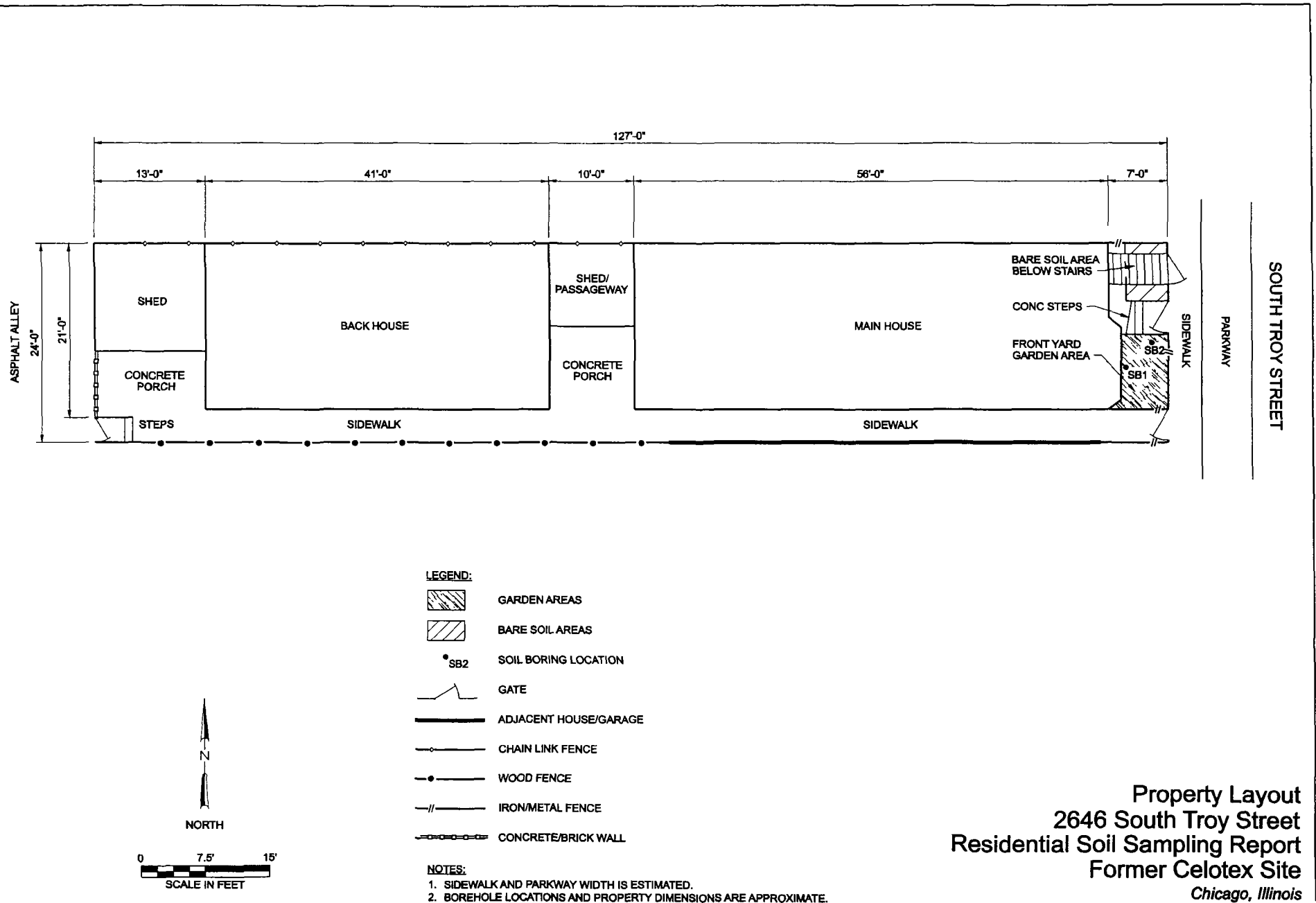
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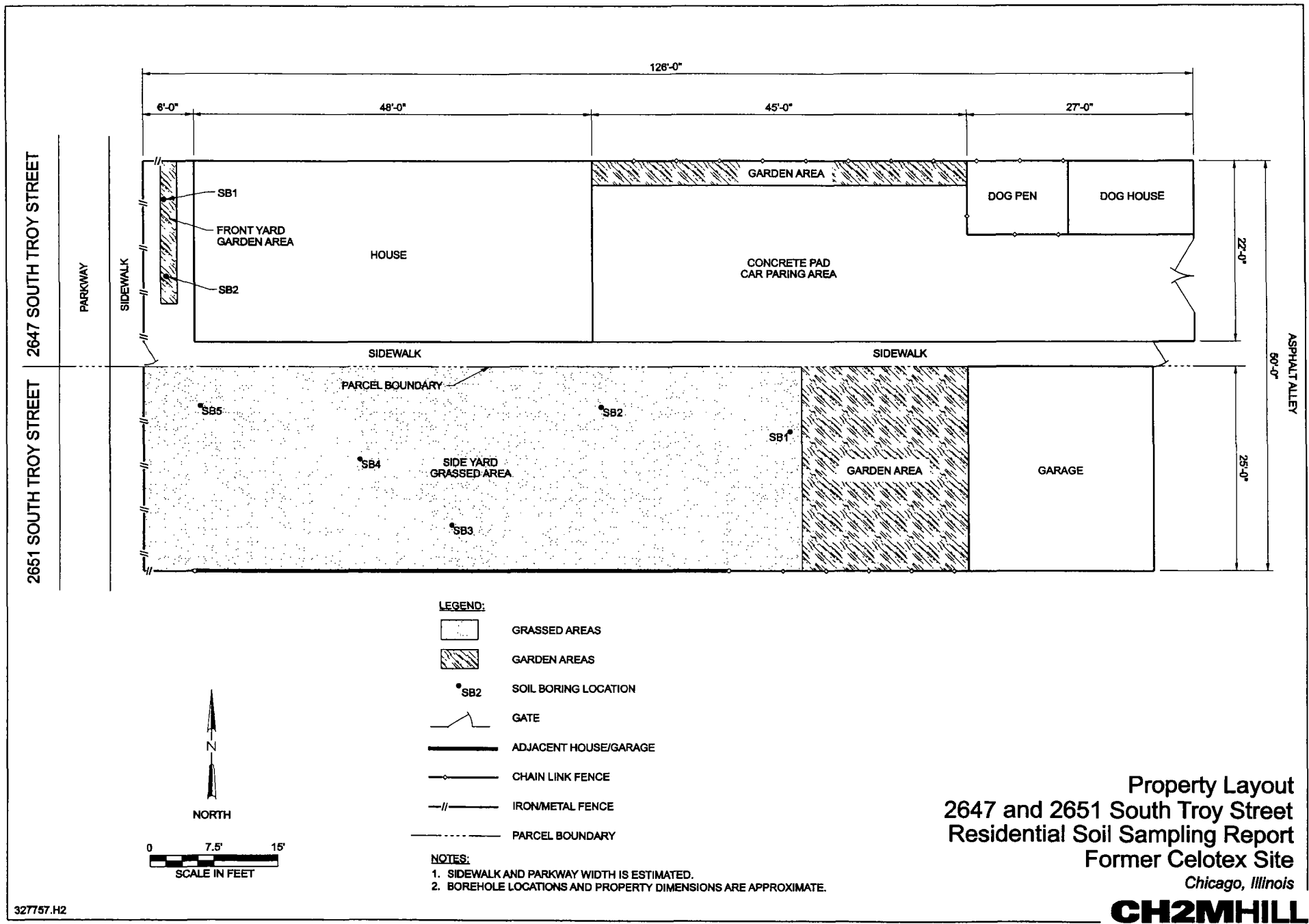
1. SIDEWALK AND PARKWAY WIDTH IS ESTIMATED.
2. BOREHOLE LOCATIONS AND PROPERTY DIMENSIONS ARE APPROXIMATE.



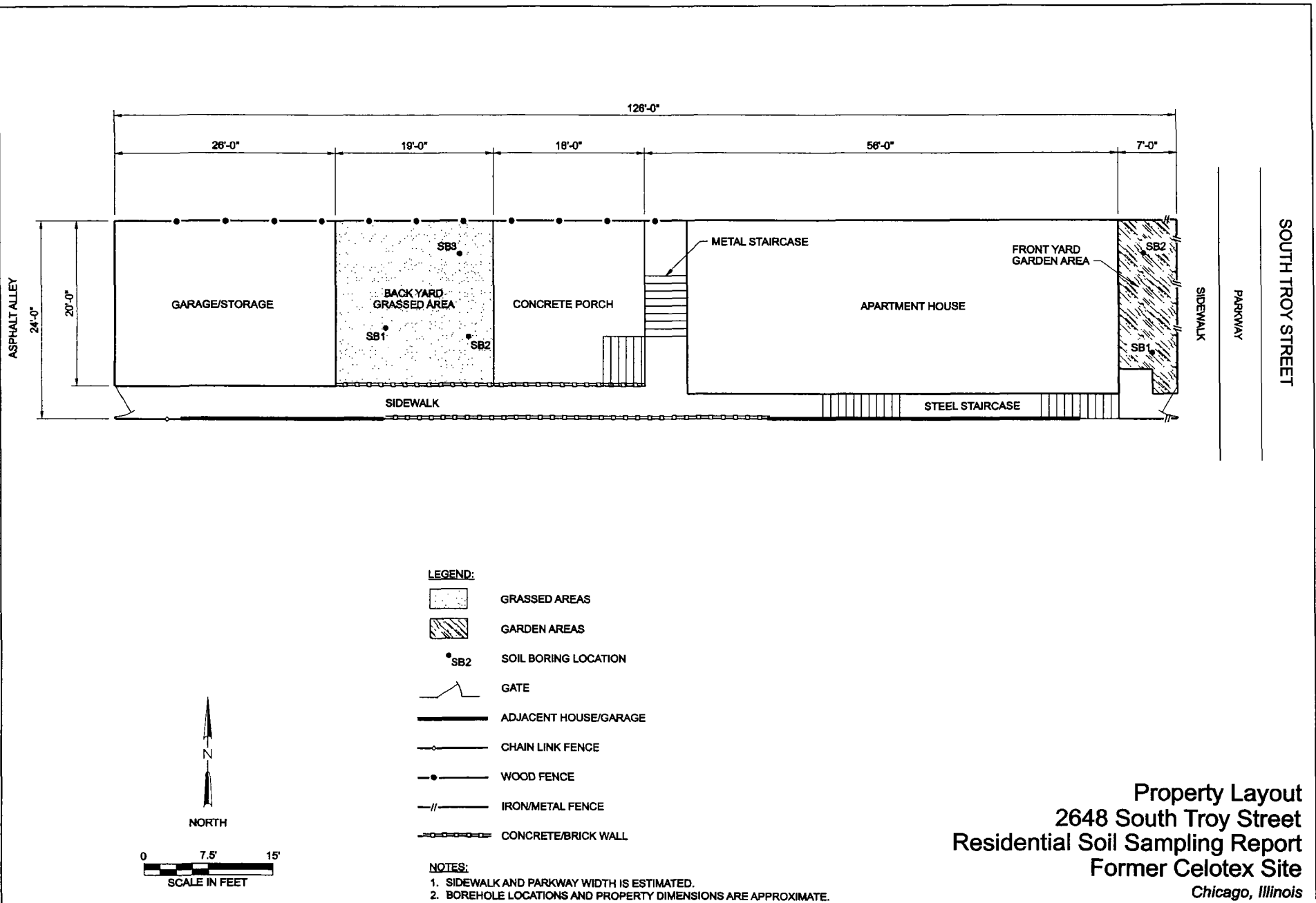
Property Layout  
2645 South Troy Street  
Residential Soil Sampling Report  
Former Celotex Site  
Chicago, Illinois

**CH2MHILL**







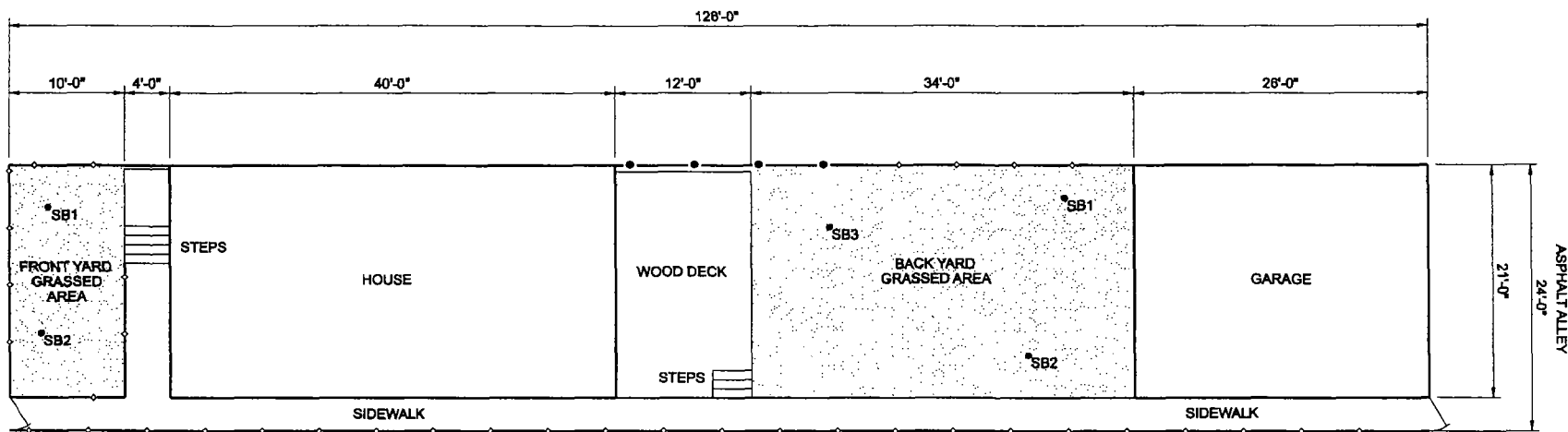




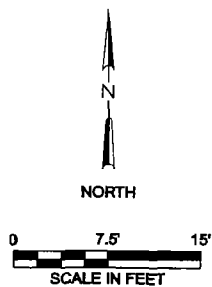
SOUTH TROY STREET

PARKWAY






SIDEWALK



ASPHALT ALLEY



LEGEND:

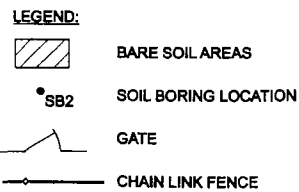
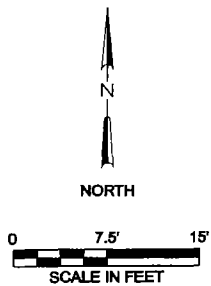
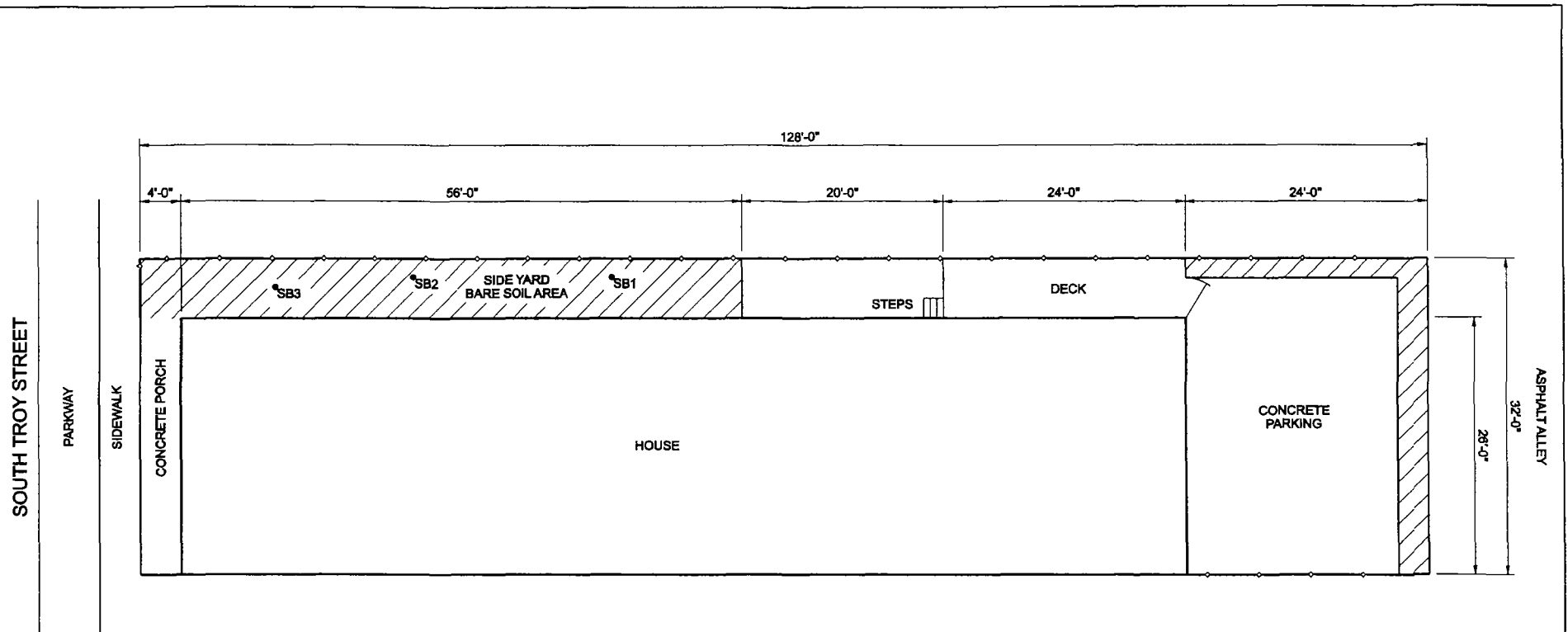
-  GRASSED AREAS
-  SB2 SOIL BORING LOCATION
-  GATE
-  CHAIN LINK FENCE
-  WOOD FENCE

NOTES:

1. SIDEWALK AND PARKWAY WIDTH IS ESTIMATED.
2. BOREHOLE LOCATIONS AND PROPERTY DIMENSIONS ARE APPROXIMATE.

Property Layout  
2655 South Troy Street  
Residential Soil Sampling Report  
Former Celotex Site  
Chicago, Illinois

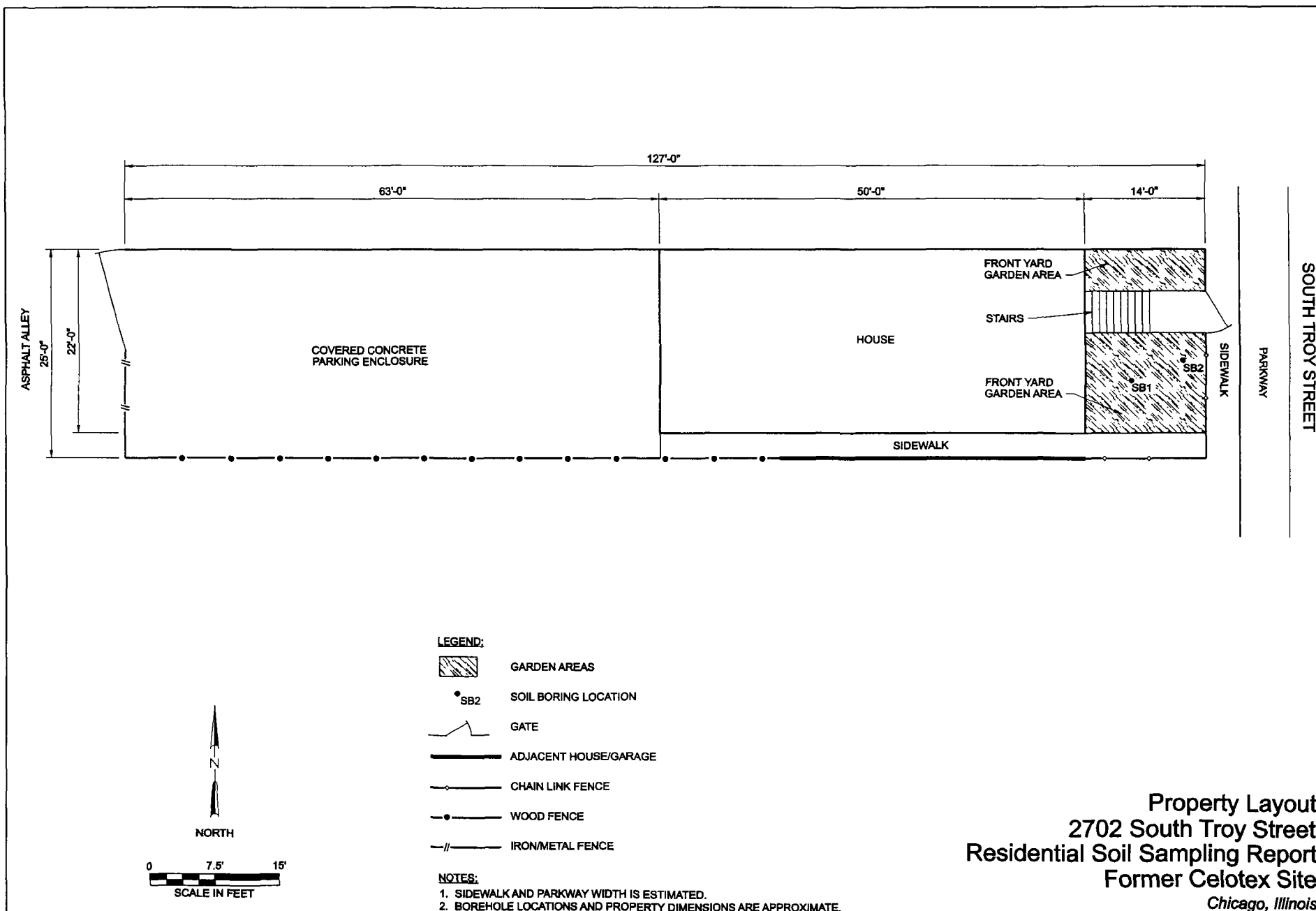
**CH2MHILL**

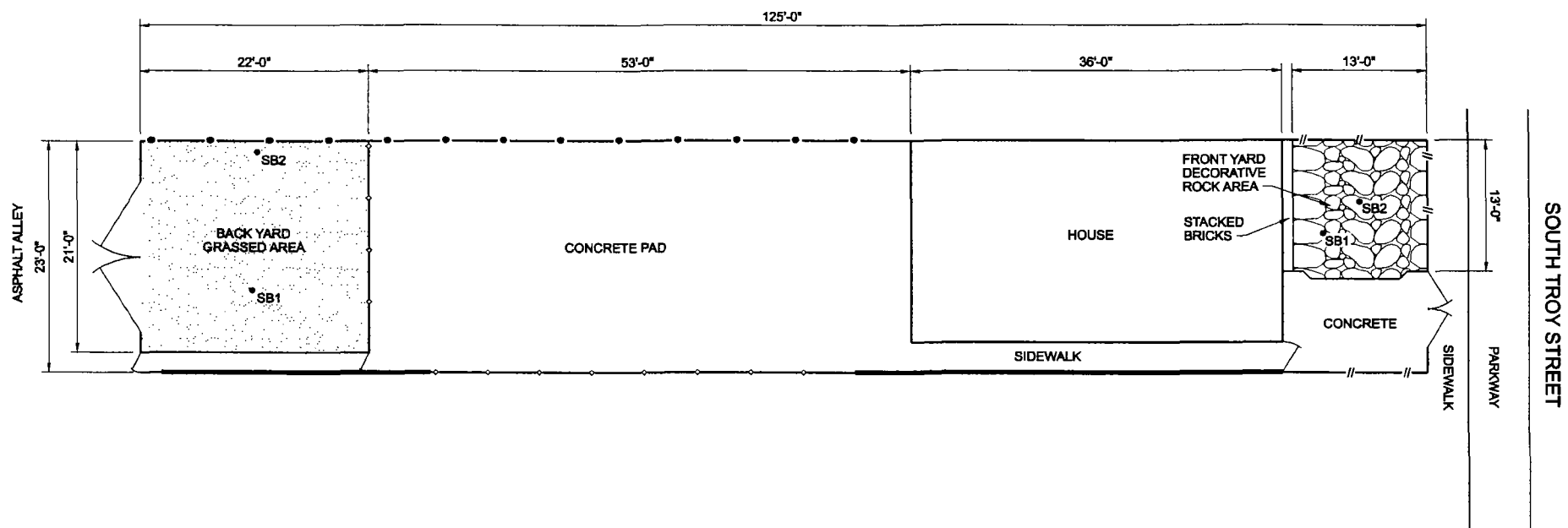


- NOTES:**
1. SIDEWALK AND PARKWAY WIDTH IS ESTIMATED.
  2. BOREHOLE LOCATIONS AND PROPERTY DIMENSIONS ARE APPROXIMATE.









Property Layout  
 2657 South Troy Street  
 Residential Soil Sampling Report  
 Former Celotex Site  
 Chicago, Illinois

**CH2MHILL**



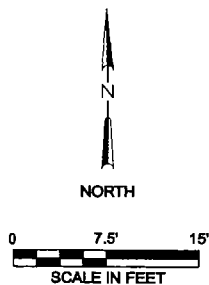


**LEGEND:**

-  GRASSED AREAS
-  DECORATIVE ROCK AREAS
-  SB2 SOIL BORING LOCATION
-  GATE
-  ADJACENT HOUSE/GARAGE
-  CHAIN LINK FENCE
-  WOOD FENCE
-  IRON/METAL FENCE

**NOTES:**

1. SIDEWALK AND PARKWAY WIDTH IS ESTIMATED.
2. BOREHOLE LOCATIONS AND PROPERTY DIMENSIONS ARE APPROXIMATE.



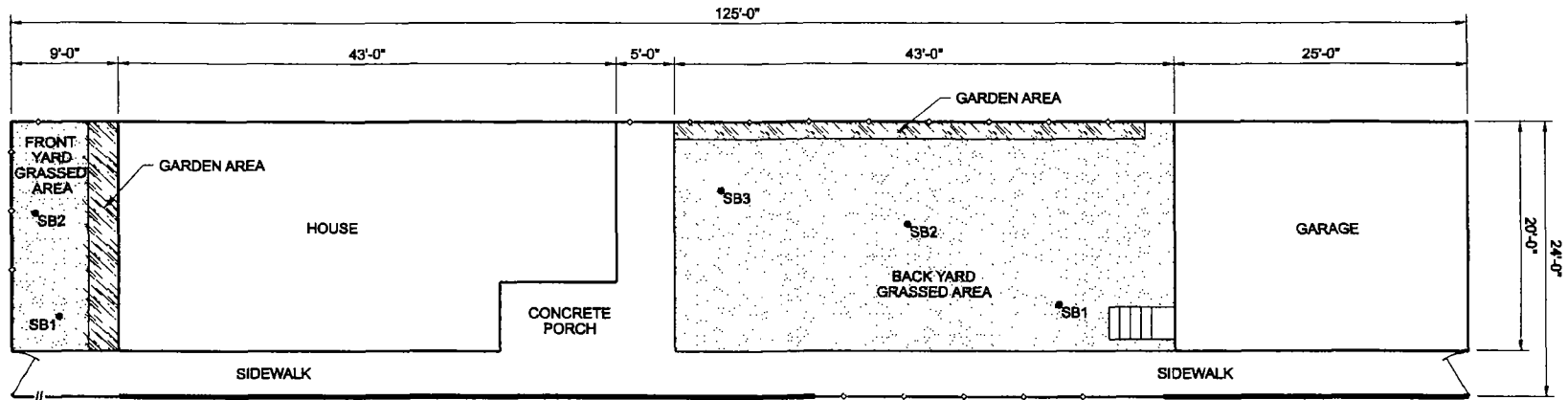
Property Layout  
2704 South Troy Street  
Residential Soil Sampling Report  
Former Celotex Site  
Chicago, Illinois

**CH2MHILL**








SOUTH TROY STREET

PARKWAY

SIDEWALK

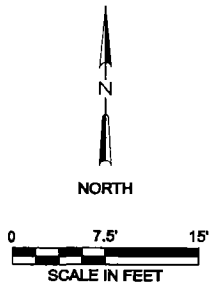


**LEGEND:**

-  GRASSED AREAS
-  GARDEN AREAS
-  SOIL BORING LOCATION
-  GATE
-  ADJACENT HOUSE/GARAGE
-  CHAIN LINK FENCE
-  IRON/METAL FENCE

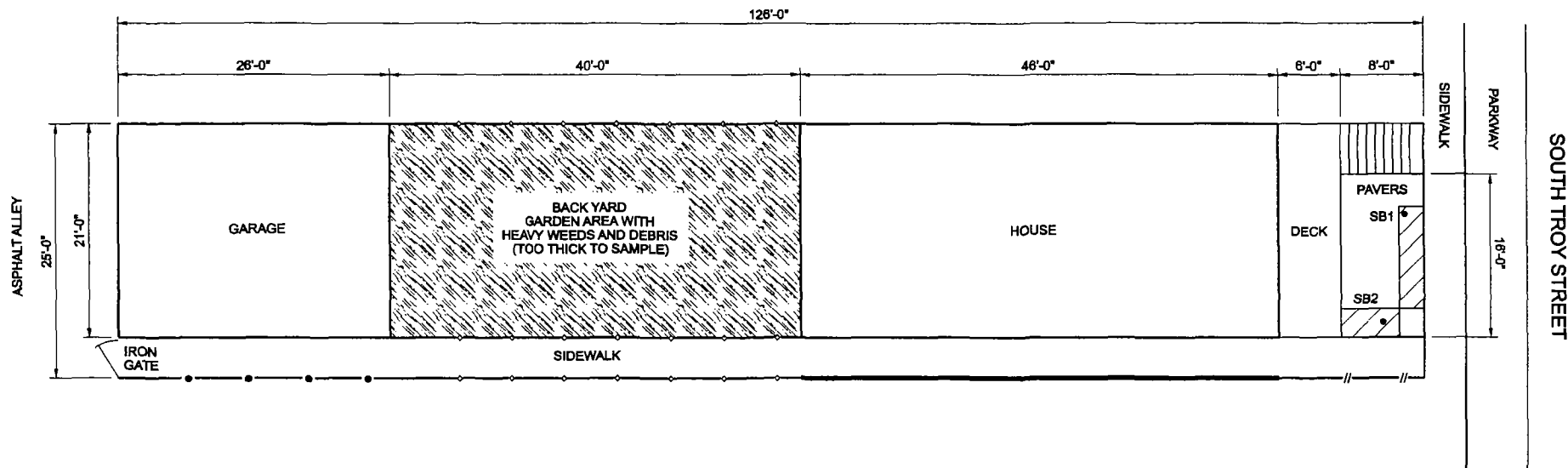
**NOTES:**

1. SIDEWALK AND PARKWAY WIDTH IS ESTIMATED.
2. BOREHOLE LOCATIONS AND PROPERTY DIMENSIONS ARE APPROXIMATE.











Property Layout  
2705 South Troy Street  
Residential Soil Sampling Report  
Former Celotex Site  
Chicago, Illinois

**CH2MHILL**



**LEGEND:**

-  GARDEN AREAS
-  BARE SOIL AREAS
-  SB2 SOIL BORING LOCATION
-  GATE
-  ADJACENT HOUSE/GARAGE
-  WOOD FENCE
-  CHAIN-LINK FENCE
-  IRON/METAL FENCE

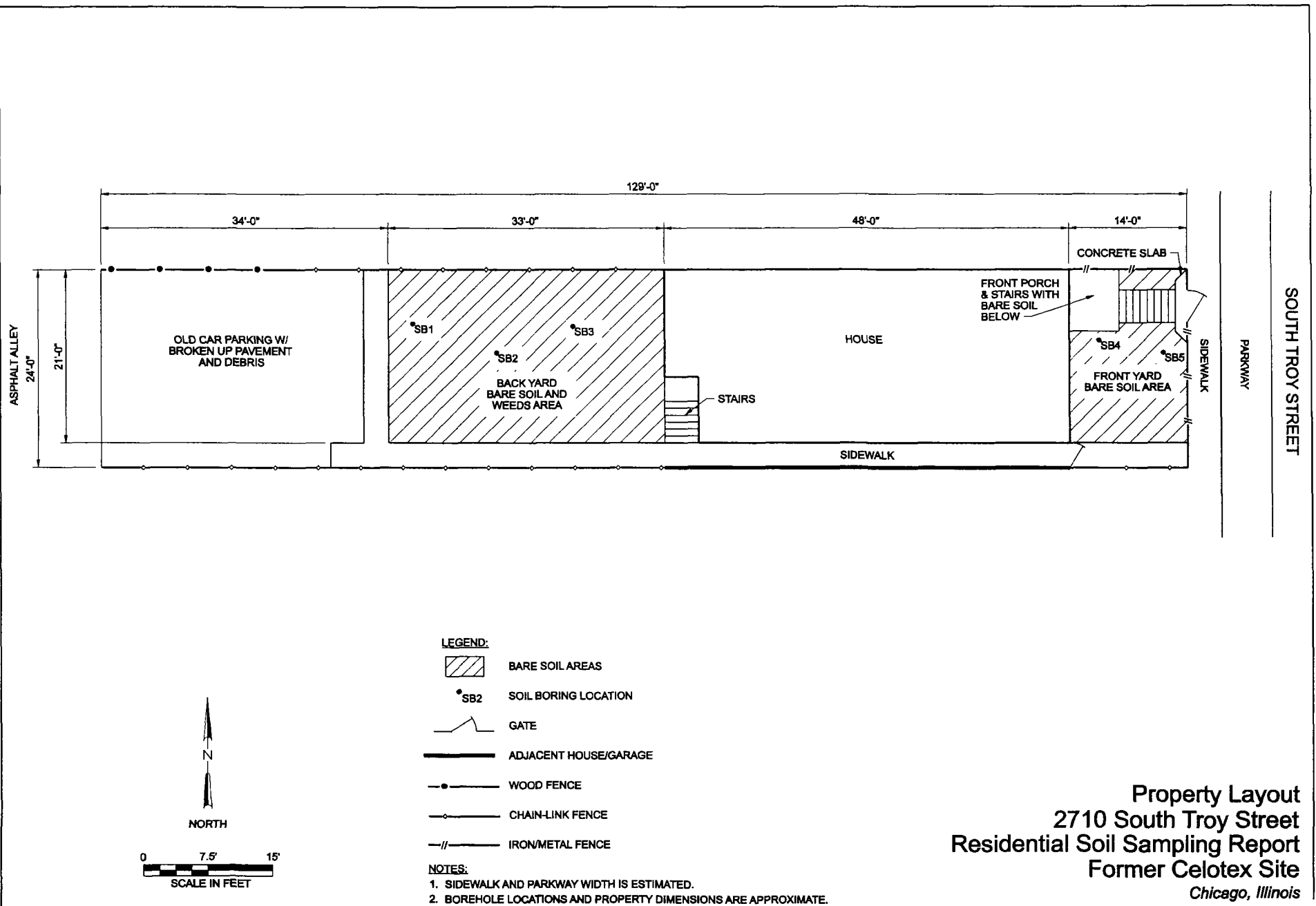
**NOTES:**

1. SIDEWALK AND PARKWAY WIDTH IS ESTIMATED.
2. BOREHOLE LOCATIONS AND PROPERTY DIMENSIONS ARE APPROXIMATE.

Property Layout  
2708 South Troy Street  
Residential Soil Sampling Report  
Former Celotex Site  
Chicago, Illinois

**CH2MHILL**

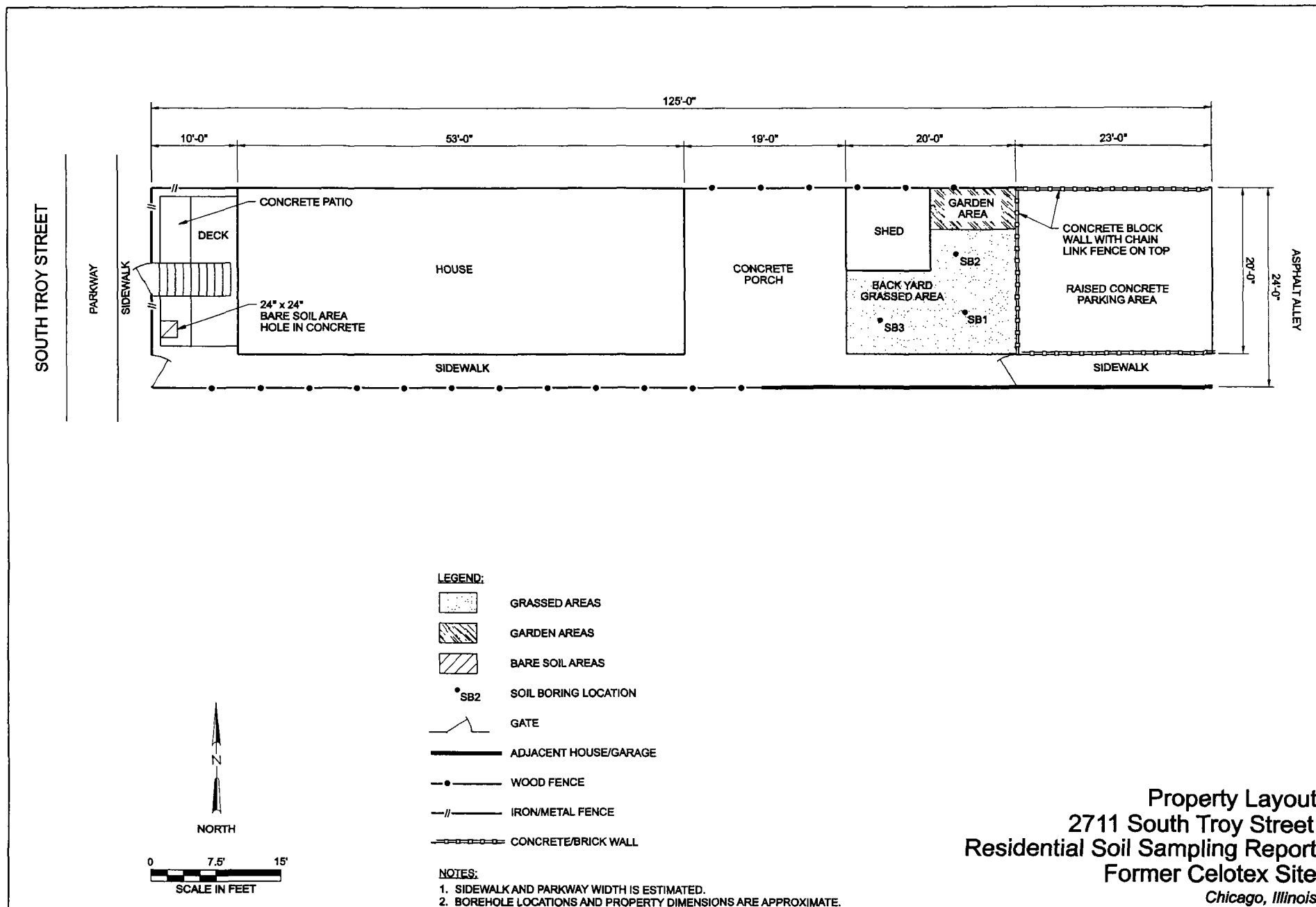


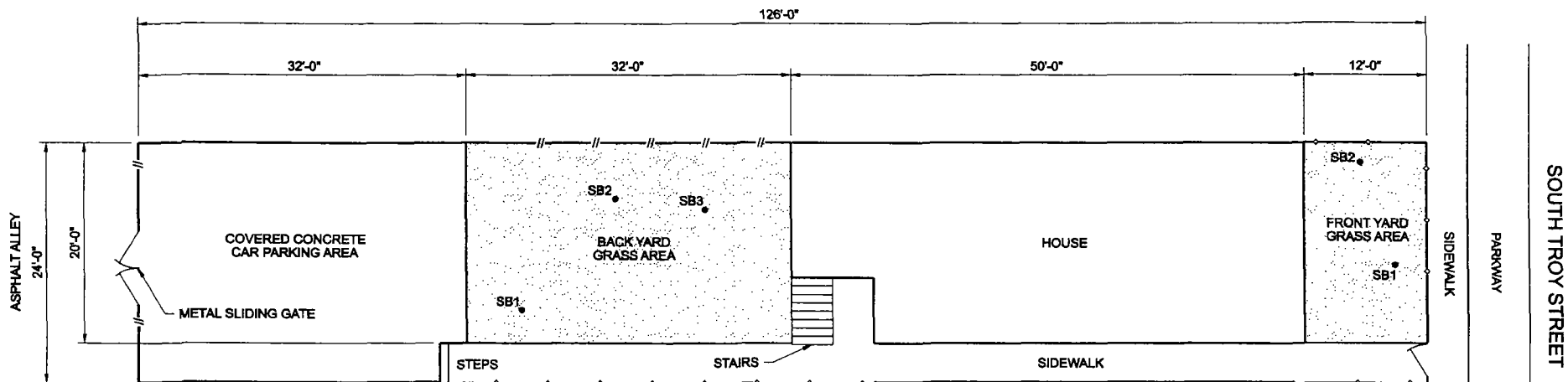


327757.H2

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**CH2MHILL**





#### LEGEND:

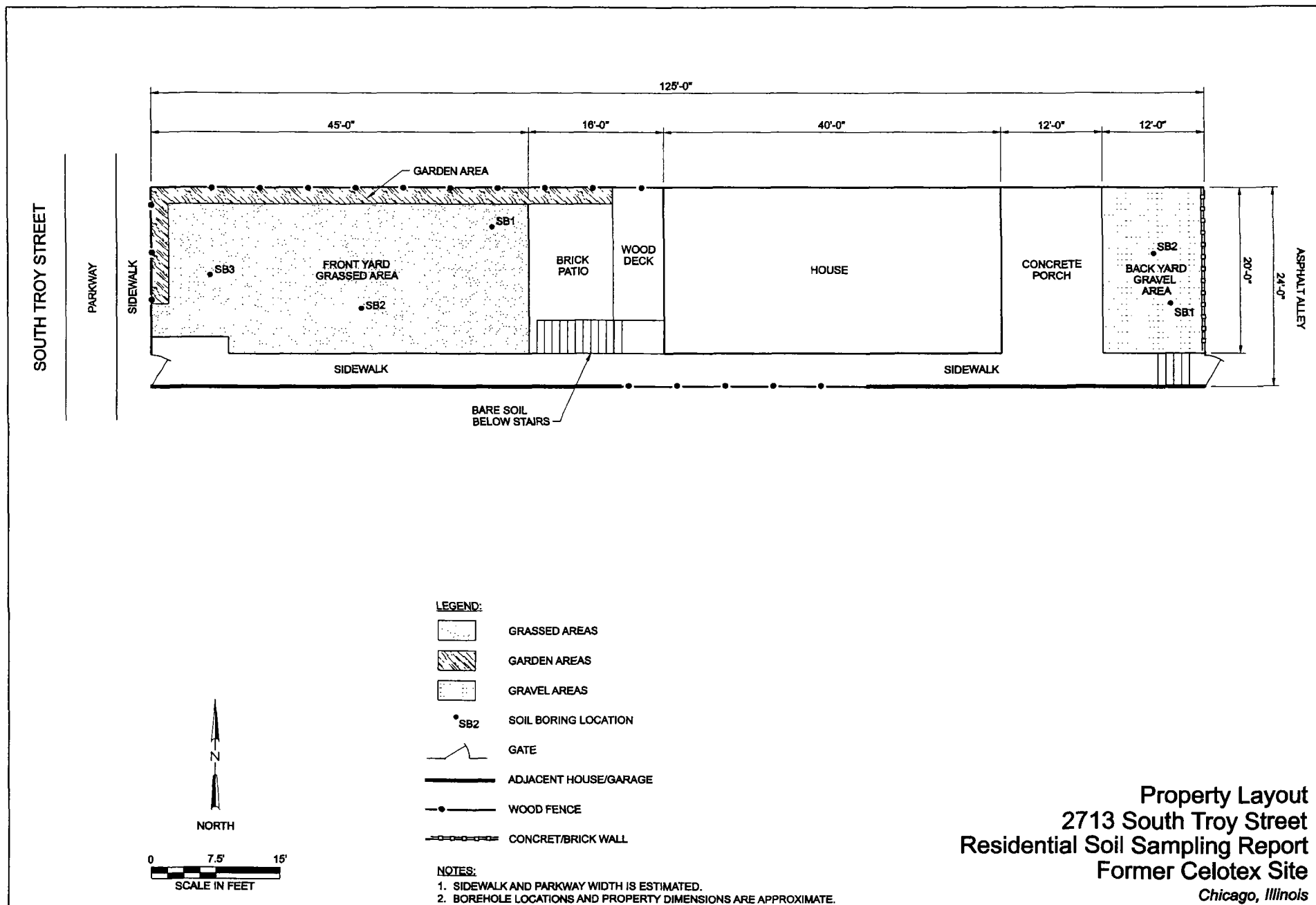
- GRASSED AREAS
- SOIL BORING LOCATION
- GATE
- ADJACENT HOUSE/GARAGE
- CHAIN LINK FENCE
- IRON/METAL FENCE

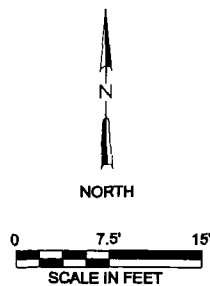
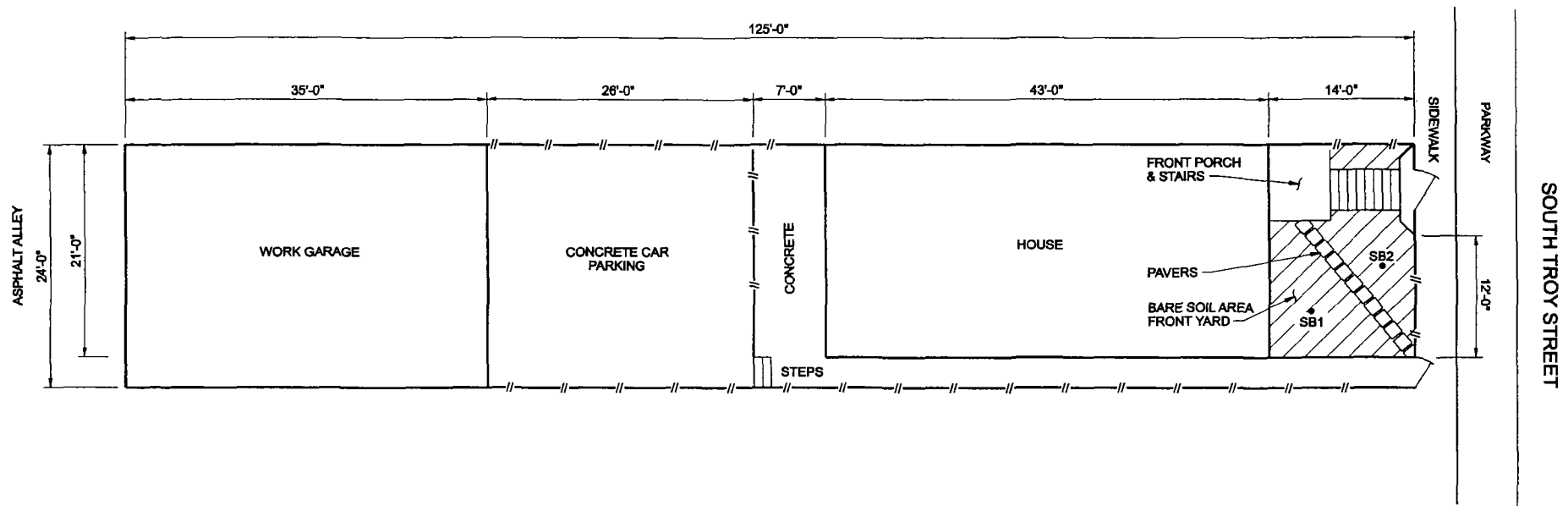
#### NOTES:

1. SIDEWALK AND PARKWAY WIDTH IS ESTIMATED.
2. BOREHOLE LOCATIONS AND PROPERTY DIMENSIONS ARE APPROXIMATE.

Property Layout  
2712 South Troy Street  
Residential Soil Sampling Report  
Former Celotex Site  
Chicago, Illinois

**CH2MHILL**





**LEGEND:**

- BARE SOIL AREAS
- SB2 SOIL BORING LOCATION
- GATE
- IRON/METAL FENCE

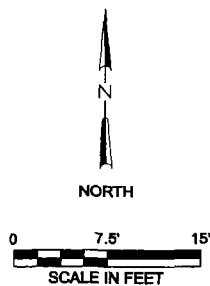
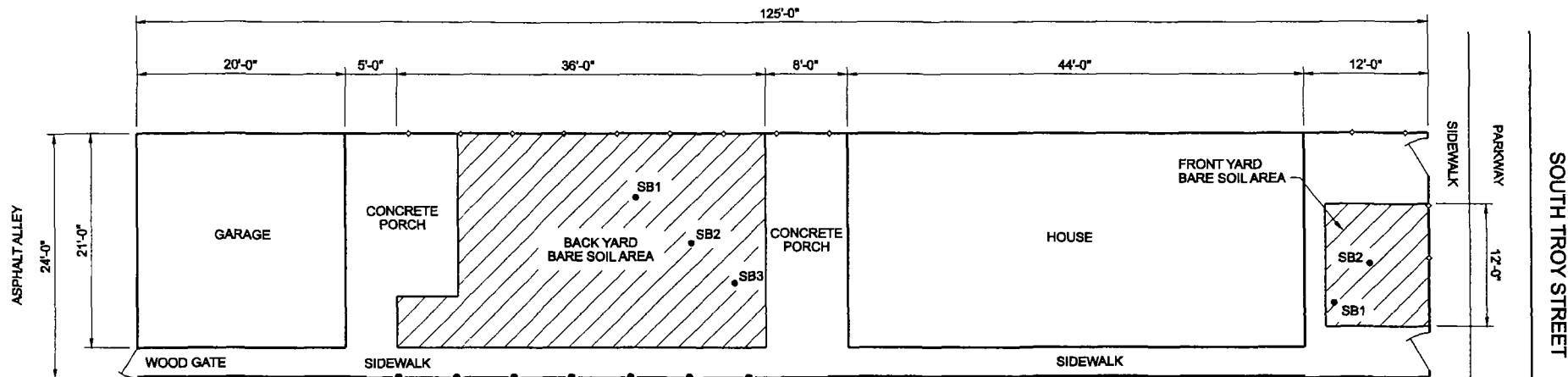
**NOTES:**

1. SIDEWALK AND PARKWAY WIDTH IS ESTIMATED.
2. BOREHOLE LOCATIONS AND PROPERTY DIMENSIONS ARE APPROXIMATE.







Property Layout  
2716 South Troy Street  
Residential Soil Sampling Report  
Former Celotex Site  
Chicago, Illinois

**CH2MHILL**





**LEGEND:**

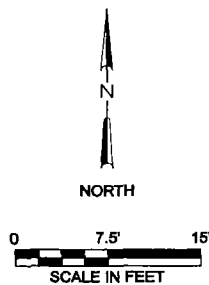
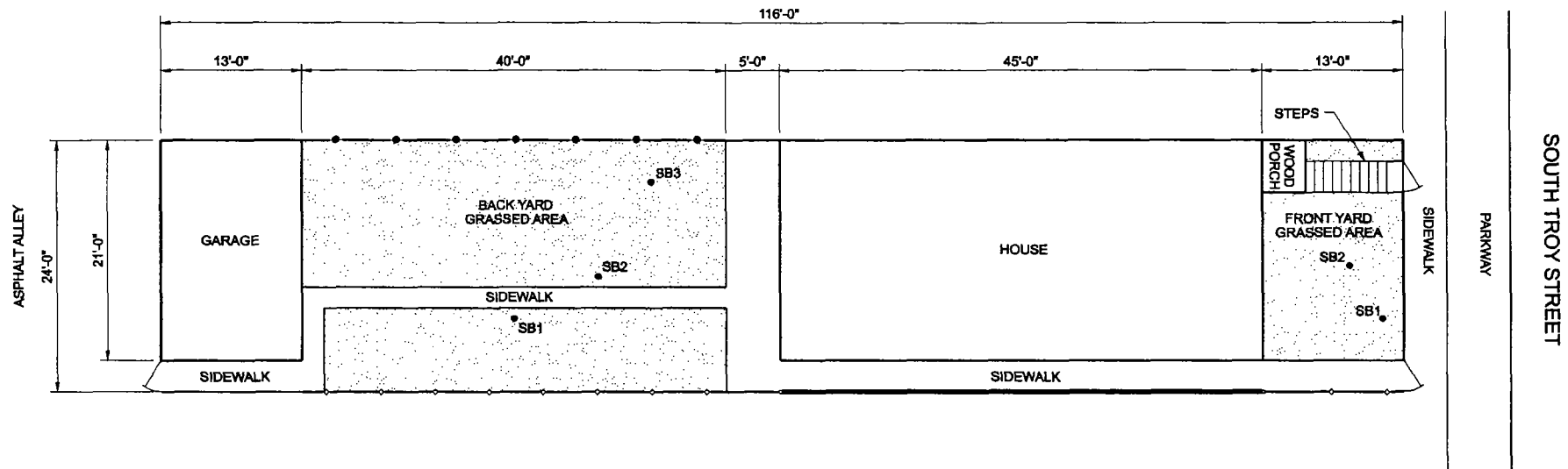
-  BARE SOIL AREAS
-  SB2 SOIL BORING LOCATION
-  GATE
-  ADJACENT HOUSE/GARAGE
-  CHAIN LINK FENCE
-  WOOD FENCE

**NOTES:**







1. SIDEWALK AND PARKWAY WIDTH IS ESTIMATED.
2. BOREHOLE LOCATIONS AND PROPERTY DIMENSIONS ARE APPROXIMATE.

Property Layout  
 2722 South Troy Street  
 Residential Soil Sampling Report  
 Former Celotex Site  
 Chicago, Illinois

**CH2MHILL**



**LEGEND:**

-  GRASSED AREAS
-  SOIL BORING LOCATION
-  GATE
-  ADJACENT HOUSE/GARAGE
-  CHAIN LINK FENCE
-  WOOD FENCE

**NOTES:**

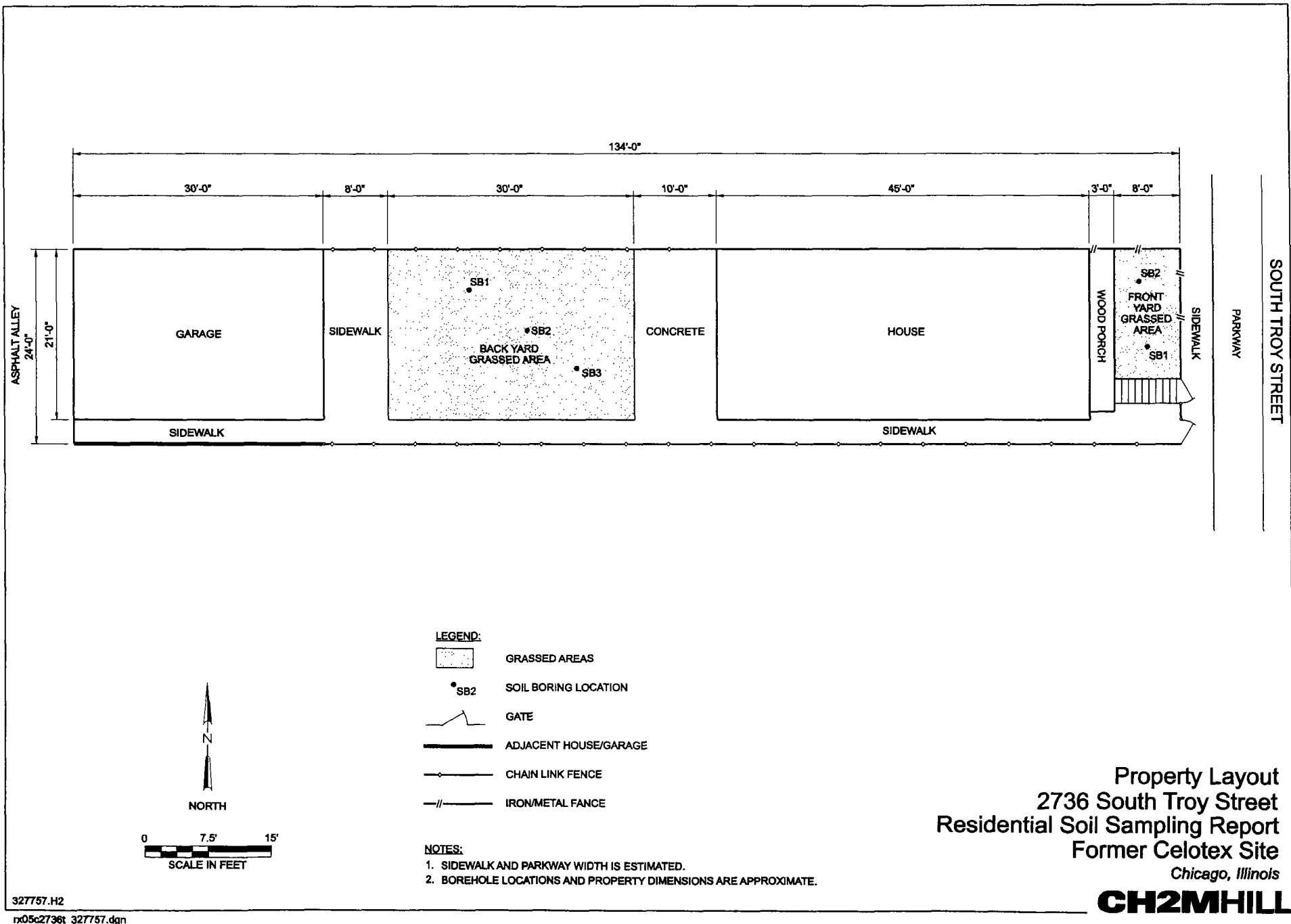
1. SIDEWALK AND PARKWAY WIDTH IS ESTIMATED.
2. BOREHOLE LOCATIONS AND PROPERTY DIMENSIONS ARE APPROXIMATE.

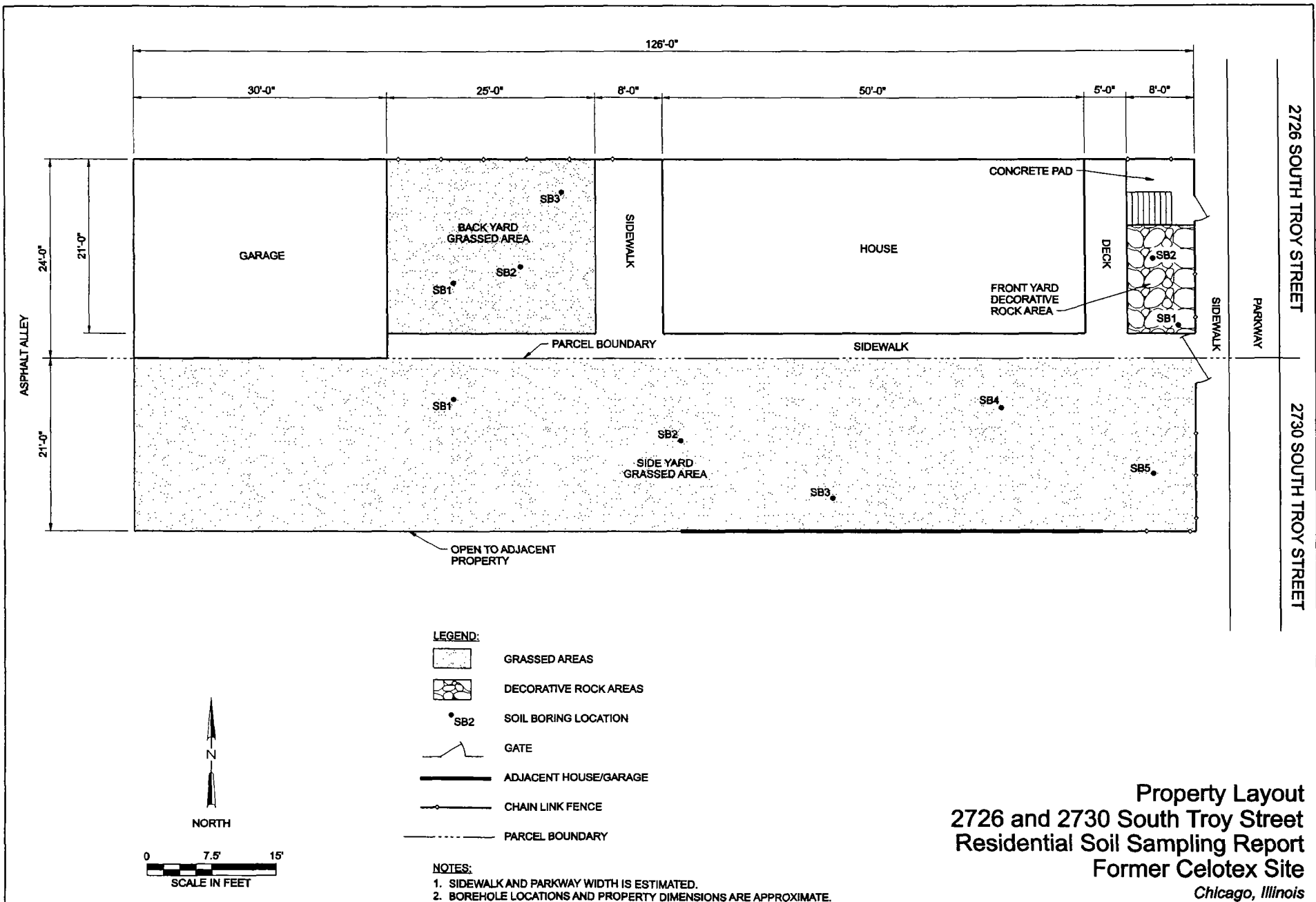
Property Layout  
2724 South Troy Street  
Residential Soil Sampling Report  
Former Celotex Site

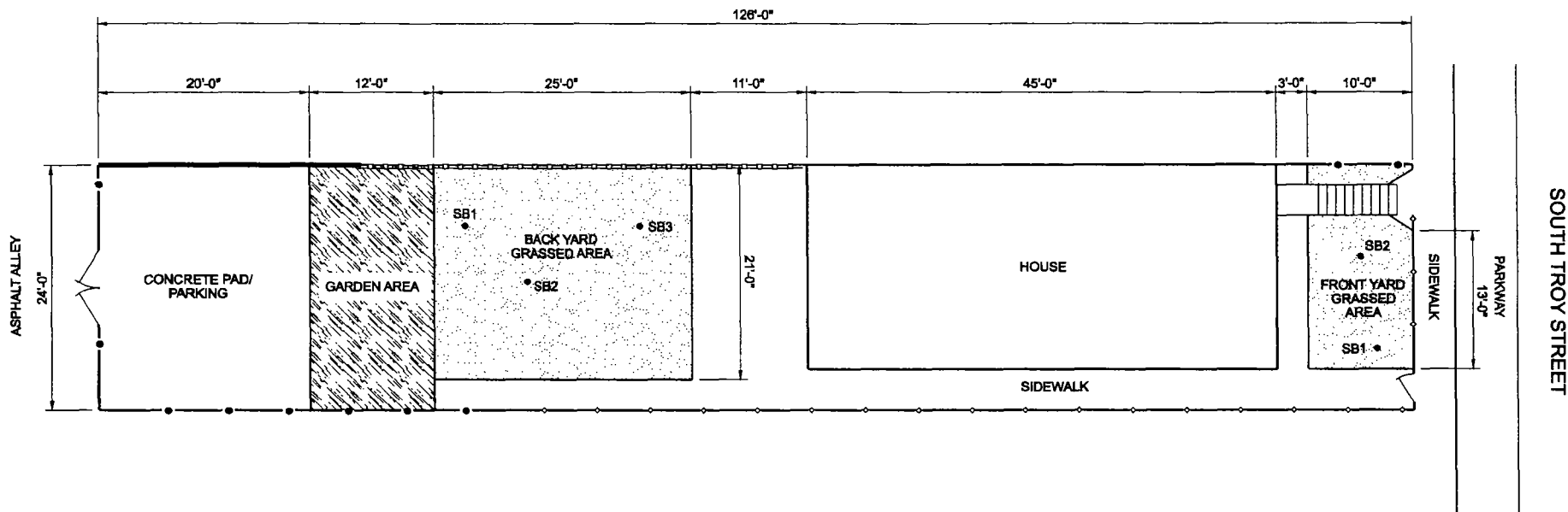
Chicago, Illinois

**CH2MHILL**















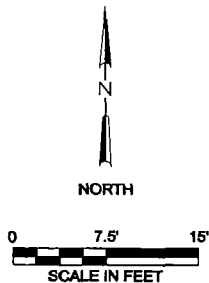


**LEGEND:**

-  GRASSED AREAS
-  GARDEN AREAS
-  SOIL BORING LOCATION
-  GATE
-  ADJACENT HOUSE/GARAGE
-  CHAIN LINK FENCE
-  WOOD FENCE
-  CONCRETE/BRICK WALL

**NOTES:**

1. SIDEWALK AND PARKWAY WIDTH IS ESTIMATED.
2. BOREHOLE LOCATIONS AND PROPERTY DIMENSIONS ARE APPROXIMATE.



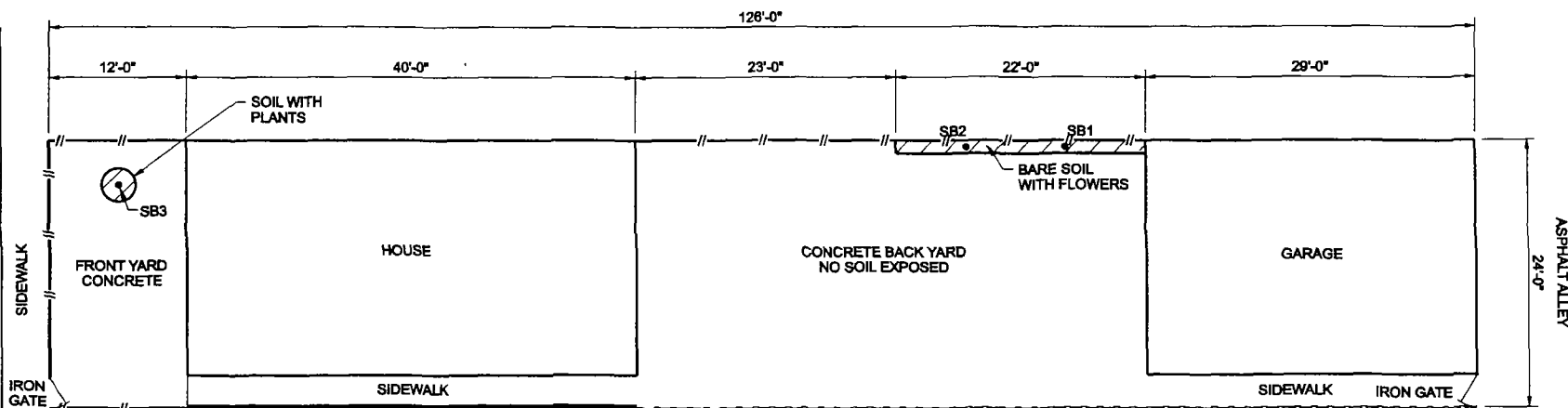
Property Layout  
2742 South Troy Street  
Residential Soil Sampling Report  
Former Celotex Site

Chicago, Illinois







**CH2MHILL**

SOUTH TROY STREET

PARKWAY



LEGEND:

-  BARE SOIL AREAS
-  IRON/METAL FENCE
-  CONCRETE BLOCK/BRICK WALL
-  ADJACENT HOUSE/GARAGE
-  GATE
-  SB2 SOIL BORING LOCATION

NOTES:

1. SIDEWALK AND PARKWAY WIDTH IS ESTIMATED.
2. BOREHOLE LOCATIONS AND PROPERTY DIMENSIONS ARE APPROXIMATE.

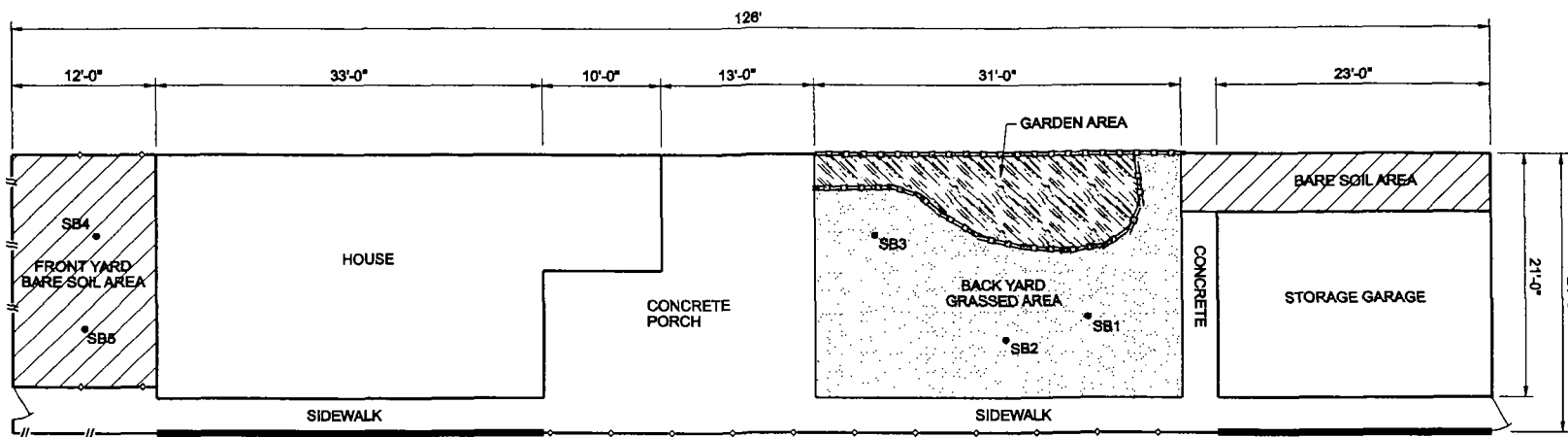
Property Layout  
2807 South Troy Street  
Residential Soil Sampling Report  
Former Celotex Site  
Chicago, Illinois

**CH2MHILL**

SOUTH TROY STREET










PARKWAY

SIDEWALK



ASPHALT ALLEY

**LEGEND:**

-  GRASSED AREAS
-  BARE SOIL AREAS
-  GARDEN AREAS
-  IRON/METAL FENCE
-  CHAIN LINK FENCE
-  CONCRETE BLOCK/BRICK WALL
-  ADJACENT HOUSE/GARAGE
-  GATE
-  SB2 SOIL BORING LOCATION

NORTH



**NOTES:**

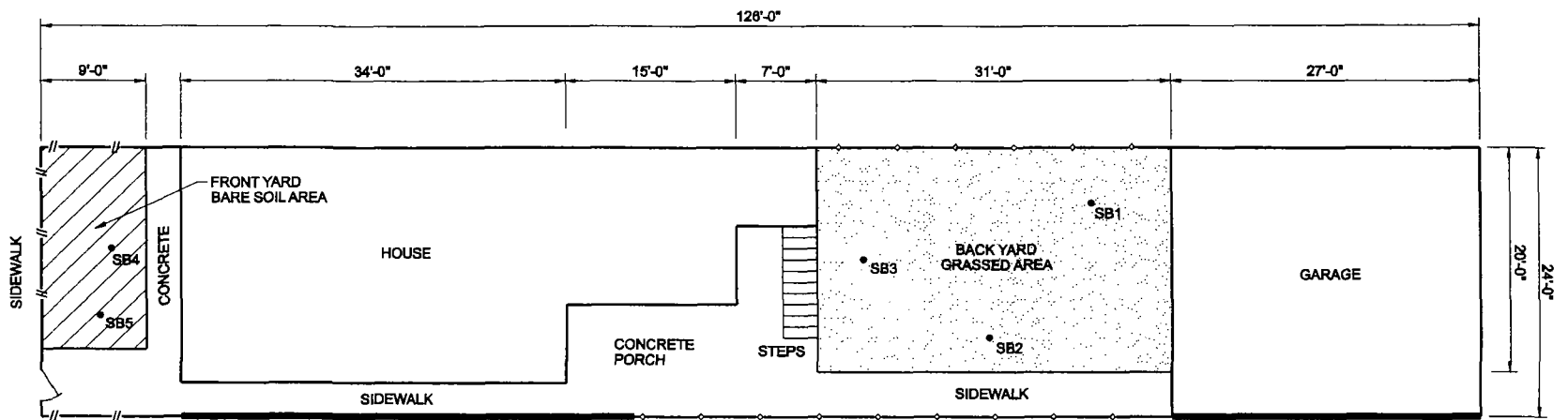
1. SIDEWALK AND PARKWAY WIDTH IS ESTIMATED.
2. BOREHOLE LOCATIONS AND PROPERTY DIMENSIONS ARE APPROXIMATE.

Property Layout  
2809 South Troy Street  
Residential Soil Sampling Report  
Former Celotex Site  
Chicago, Illinois








**CH2MHILL**

SOUTH TROY STREET

PARKWAY

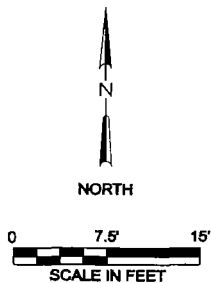


**LEGEND:**

-  GRASSED AREAS
-  BARE SOIL AREAS
-  IRON/METAL FENCE
-  CHAIN LINK FENCE
-  ADJACENT HOUSE/GARAGE
-  GATE
-  SOIL BORING LOCATION

**NOTES:**

1. SIDEWALK AND PARKWAY WIDTH IS ESTIMATED.
2. BOREHOLE LOCATIONS AND PROPERTY DIMENSIONS ARE APPROXIMATE.

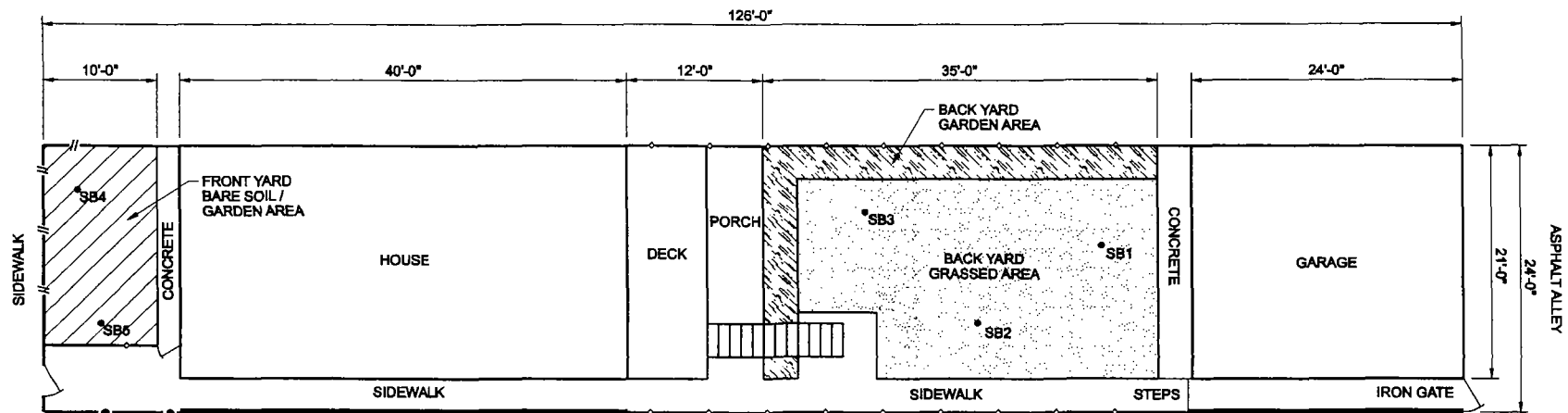


Property Layout  
2811 South Troy Street  
Residential Soil Sampling Report  
Former Celotex Site  
Chicago, Illinois










**CH2MHILL**

SOUTH TROY STREET

PARKWAY

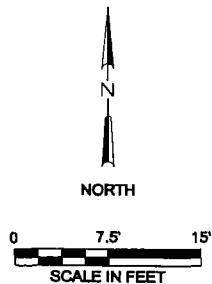


**LEGEND:**

-  GRASSED AREAS
-  BARE SOIL AREAS
-  GARDEN AREAS
-  WOOD FENCE
-  IRON/METAL FENCE
-  CHAIN LINK FENCE
-  ADJACENT HOUSE/GARAGE
-  GATE
-  SOIL BORING LOCATION

**NOTES:**

1. SIDEWALK AND PARKWAY WIDTH IS ESTIMATED.
2. BOREHOLE LOCATIONS AND PROPERTY DIMENSIONS ARE APPROXIMATE.



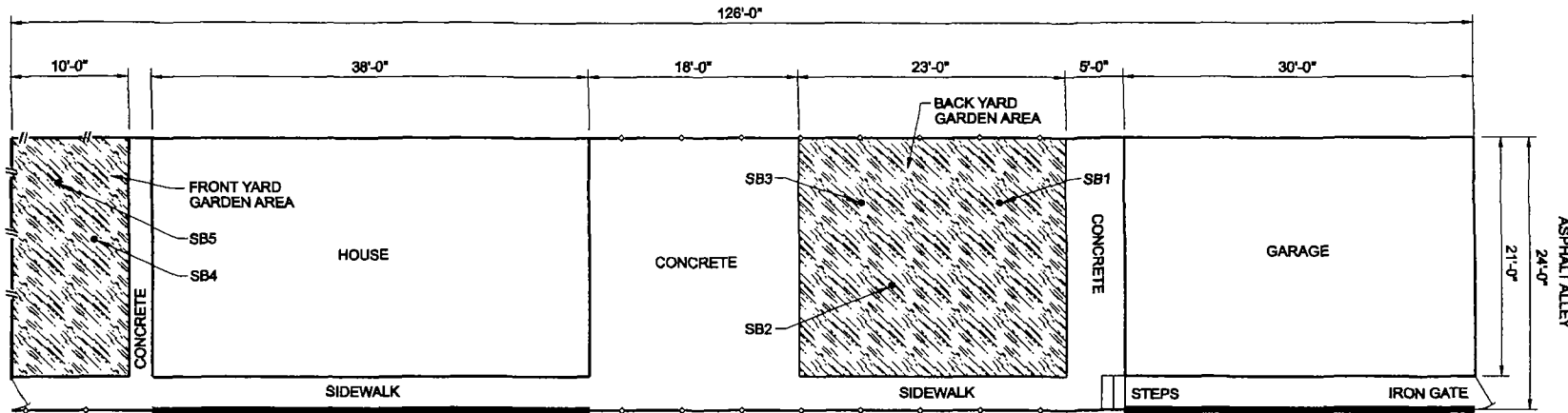
Property Layout  
2813 South Troy Street  
Residential Soil Sampling Report  
Former Celotex Site  
Chicago, Illinois

**CH2MHILL**

SOUTH TROY STREET







PARKWAY

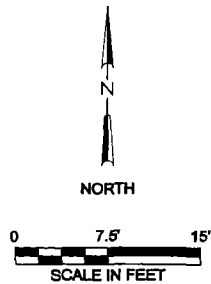
SIDEWALK



ASPHALT ALLEY

**LEGEND:**

-  GARDEN AREAS
-  CHAIN LINK FENCE
-  IRON/METAL FENCE
-  ADJACENT HOUSE/GARAGE
-  GATE
-  SB2 SOIL BORING LOCATION



**NOTES:**

1. SIDEWALK AND PARKWAY WIDTH IS ESTIMATED.
2. BOREHOLE LOCATIONS AND PROPERTY DIMENSIONS ARE APPROXIMATE.

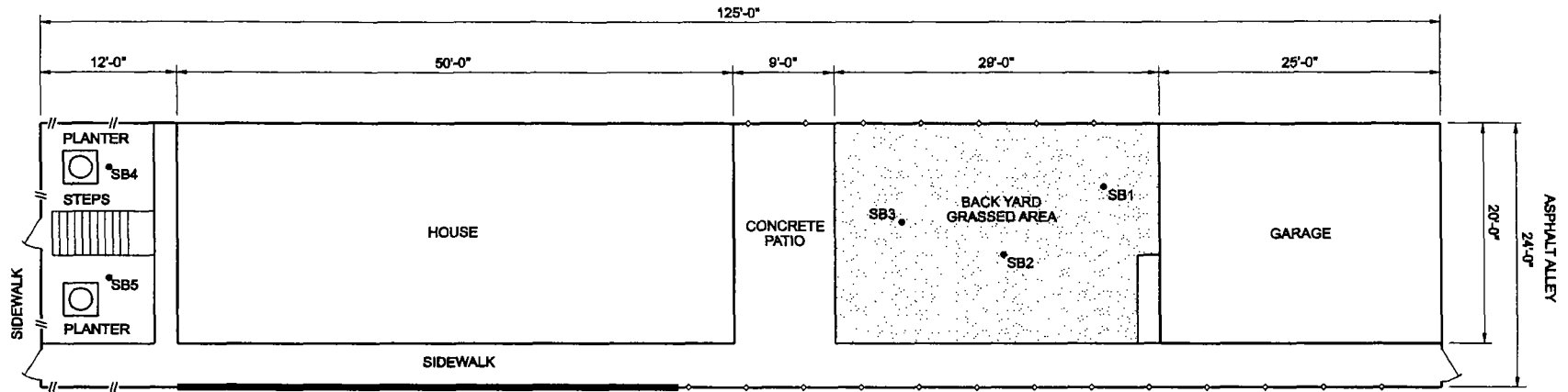
Property Layout  
2815 South Troy Street  
Residential Soil Sampling Report  
Former Celotex Site  
Chicago, Illinois

**CH2MHILL**









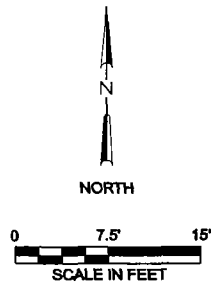
SOUTH TROY STREET

PARKWAY



**LEGEND:**

-  GRASSED AREAS
-  SB2 SOIL BORING LOCATION
-  IRON/METAL FENCE
-  CHAIN LINK FENCE
-  ADJACENT HOUSE/GARAGE
-  GATE



**NOTES:**

1. SIDEWALK AND PARKWAY WIDTH IS ESTIMATED.
2. BOREHOLE LOCATIONS AND PROPERTY DIMENSIONS ARE APPROXIMATE.

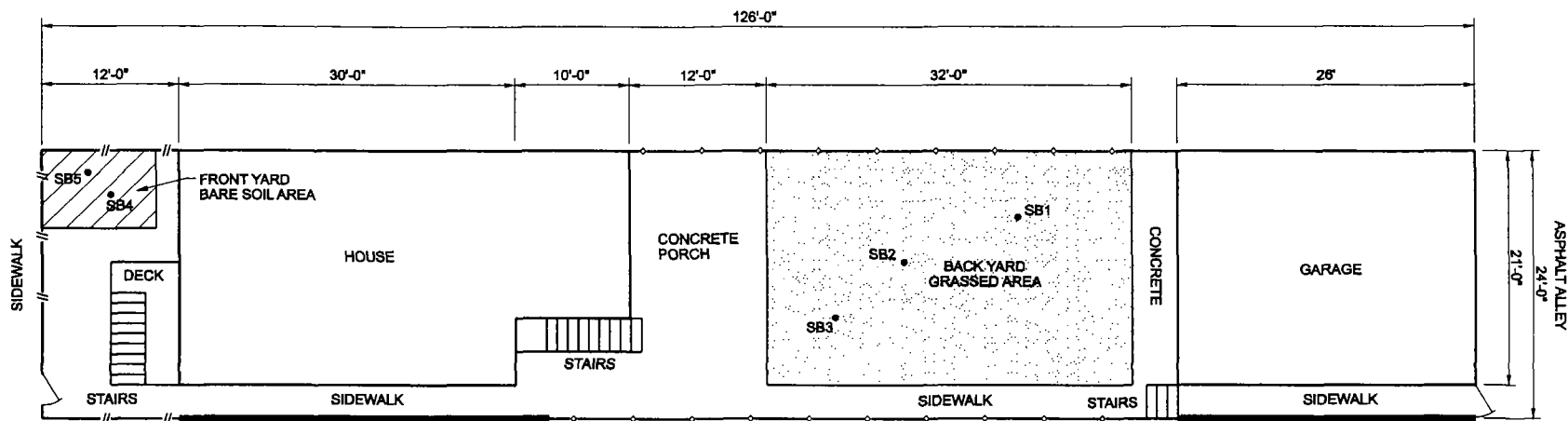
Property Layout  
2821 South Troy Street  
Residential Soil Sampling Report  
Former Celotex Site

Chicago, Illinois








**CH2MHILL**

SOUTH TROY STREET

PARKWAY

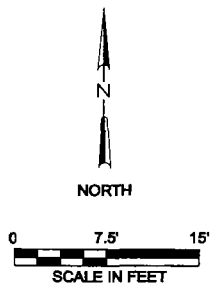


**LEGEND:**

-  GRASSED AREAS
-  BARE SOIL AREAS
-  IRON/METAL FENCE
-  CHAIN LINK FENCE
-  ADJACENT HOUSE/GARAGE
-  GATE
-  SOIL BORING LOCATION

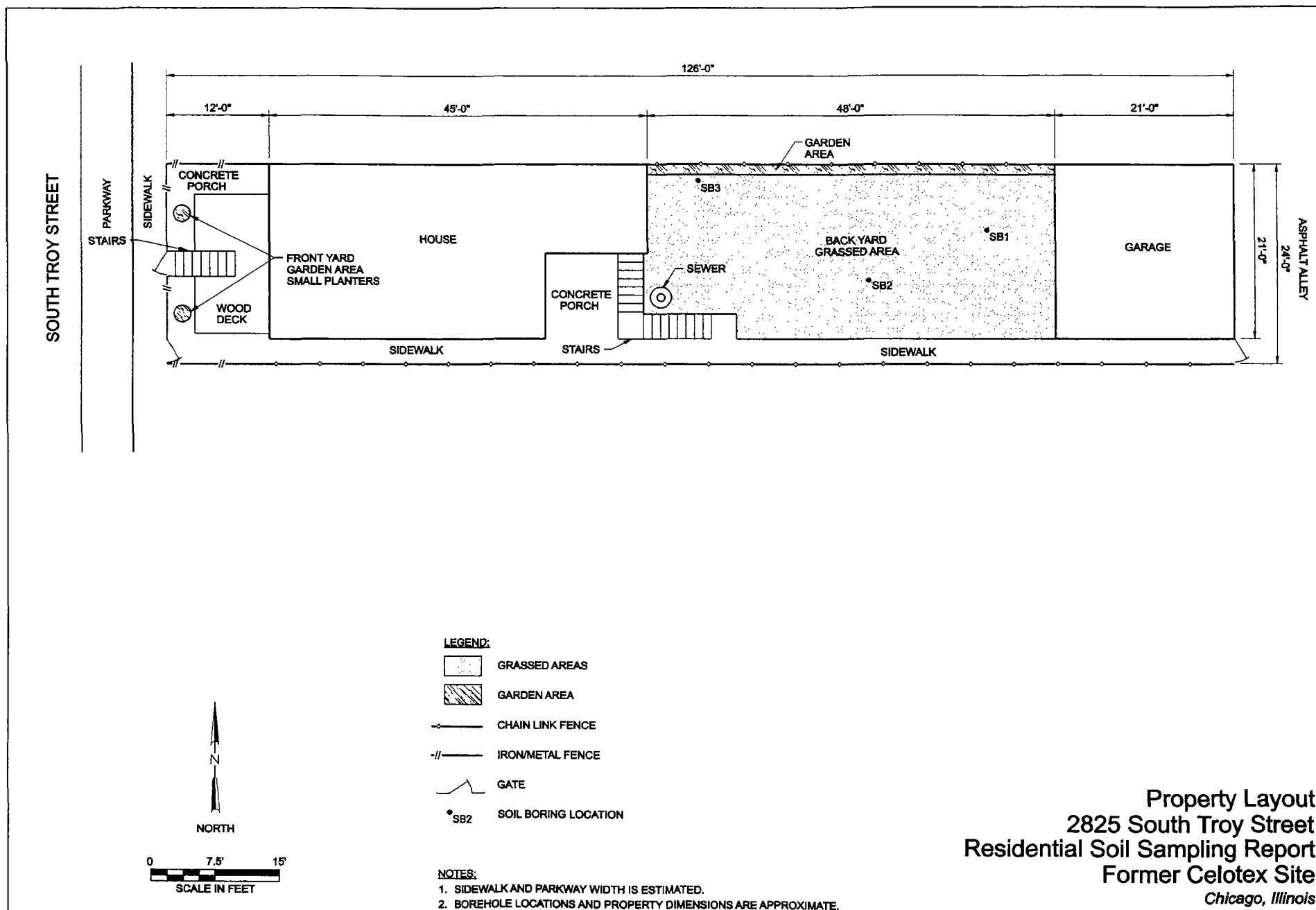
**NOTES:**

1. SIDEWALK AND PARKWAY WIDTH IS ESTIMATED.
2. BOREHOLE LOCATIONS AND PROPERTY DIMENSIONS ARE APPROXIMATE.



Property Layout  
2823 South Troy Street  
Residential Soil Sampling Report  
Former Celotex Site  
Chicago, Illinois

**CH2MHILL**



Property Layout  
 2825 South Troy Street  
 Residential Soil Sampling Report  
 Former Celotex Site  
 Chicago, Illinois

**CH2MHILL**

2827 SOUTH TROY STREET

2831 SOUTH TROY STREET

PARKWAY

SIDEWALK

125'-0"

GRAVEL AREA

PARCEL BOUNDARY







28'-0"

ASPHALT ALLEY

28'-0"

GRASSED AREA  
(WEEDS)

**LEGEND:**

-  GRASSED AREAS
-  GRAVEL AREAS
-  CHAIN LINK FENCE
-  GATE
-  SB2 SOLE BORING LOCATION
-  PARCEL BOUNDARY

**NOTES:**

1. SIDEWALK AND PARKWAY WIDTH IS ESTIMATED.
2. BOREHOLE LOCATIONS AND PROPERTY DIMENSIONS ARE APPROXIMATE.



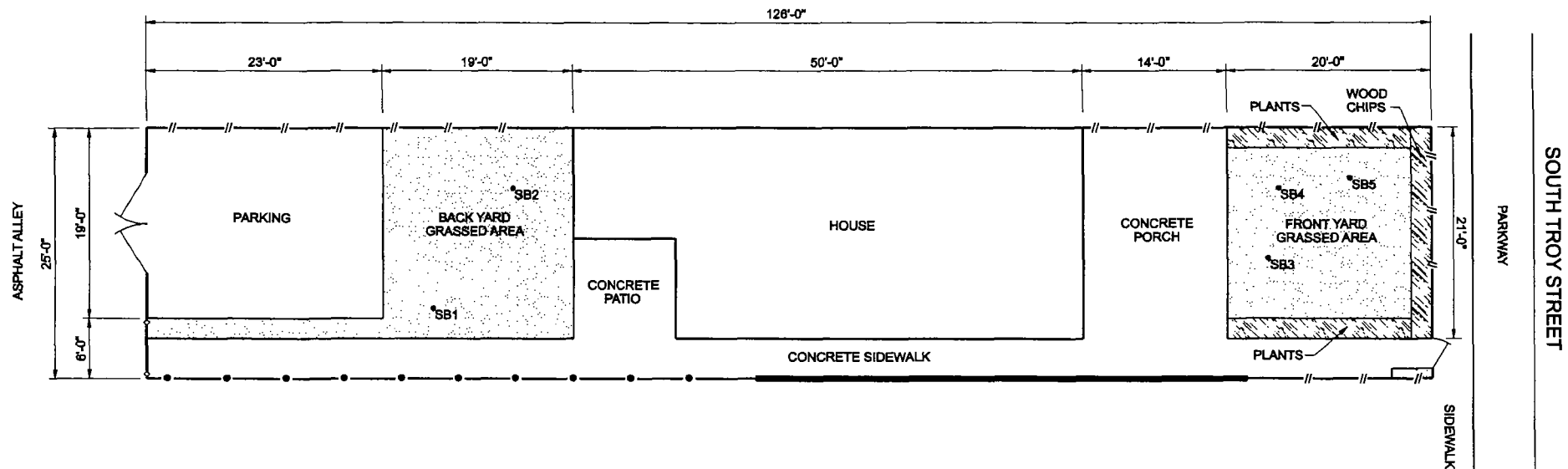
NORTH











Property Layout  
2827 and 2831 South Troy Street  
Residential Soil Sampling Report  
Former Celotex Site

Chicago, Illinois

**CH2MHILL**



#### LEGEND:

-  GRASSED AREAS
-  GARDEN AREAS
-  WOOD FENCE
-  IRON/METAL FENCE
-  CHAIN LINK FENCE
-  ADJACENT HOUSE/GARAGE
-  GATE
-  SB2 SOIL BORING LOCATION



#### NOTES:

1. SIDEWALK AND PARKWAY WIDTH IS ESTIMATED.
2. BOREHOLE LOCATIONS AND PROPERTY DIMENSIONS ARE APPROXIMATE.

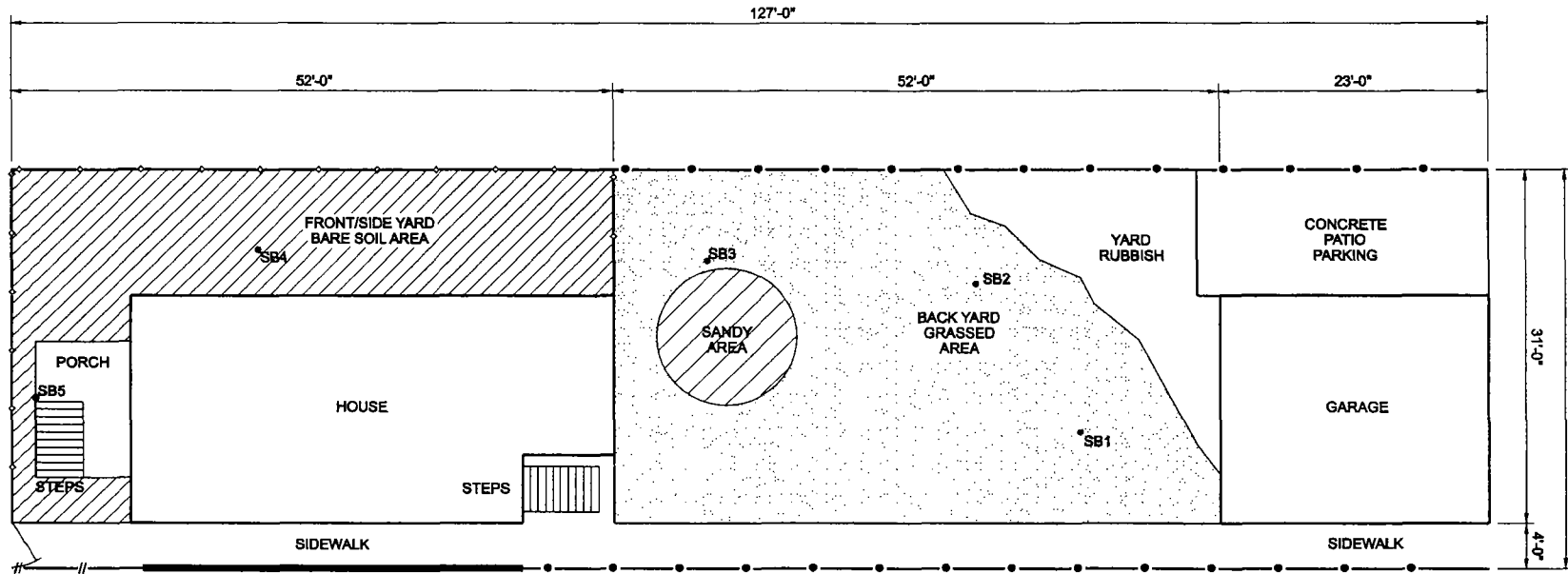
Property Layout  
2834 South Troy Street  
Residential Soil Sampling Report  
Former Celotex Site  
Chicago, Illinois

**CH2MHILL**









SOUTH TROY STREET

PARKWAY

SIDEWALK

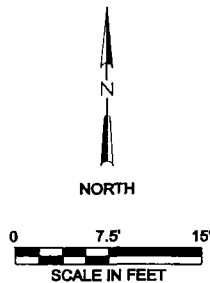


**LEGEND:**

-  GRASSED AREAS
-  BARE SOIL AREAS
-  IRON/METAL FENCE
-  WOOD FENCE
-  CHAIN LINK FENCE
-  ADJACENT HOUSE/GARAGE
-  GATE
-  SB2 SOLE BORING LOCATION

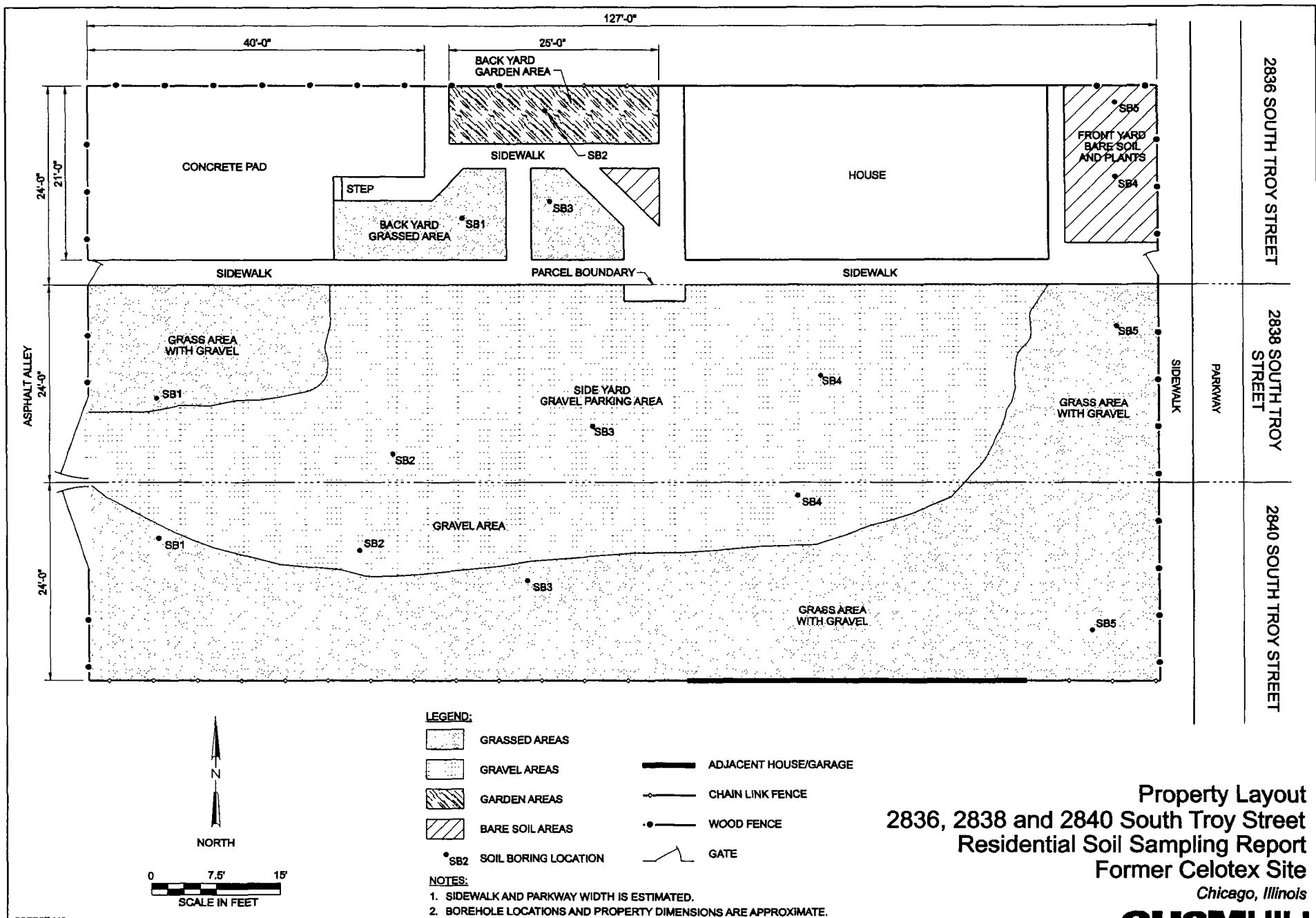
**NOTES:**

1. SIDEWALK AND PARKWAY WIDTH IS ESTIMATED.
2. BOREHOLE LOCATIONS AND PROPERTY DIMENSIONS ARE APPROXIMATE.



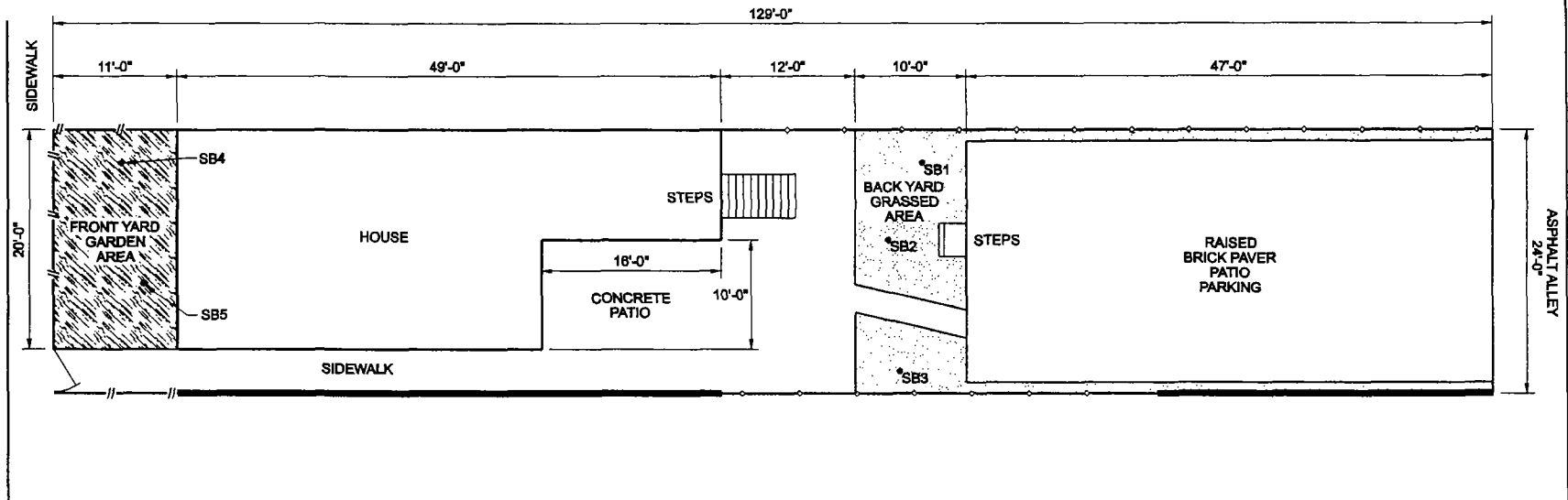
Property Layout  
2835 South Troy Street  
Residential Soil Sampling Report  
Former Celotex Site  
Chicago, Illinois

**CH2MHILL**










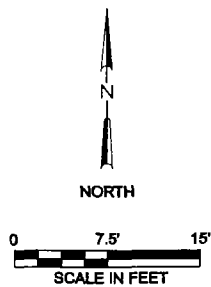
SOUTH TROY STREET

PARKWAY



**LEGEND:**

-  GRASSED AREAS
-  GARDEN AREAS
-  CHAIN LINK FENCE
-  IRON/METAL FENCE
-  ADJACENT HOUSE/GARAGE
-  GATE
-  SOIL BORING LOCATION



**NOTES:**

1. SIDEWALK AND PARKWAY WIDTH IS ESTIMATED.
2. BOREHOLE LOCATIONS AND PROPERTY DIMENSIONS ARE APPROXIMATE.

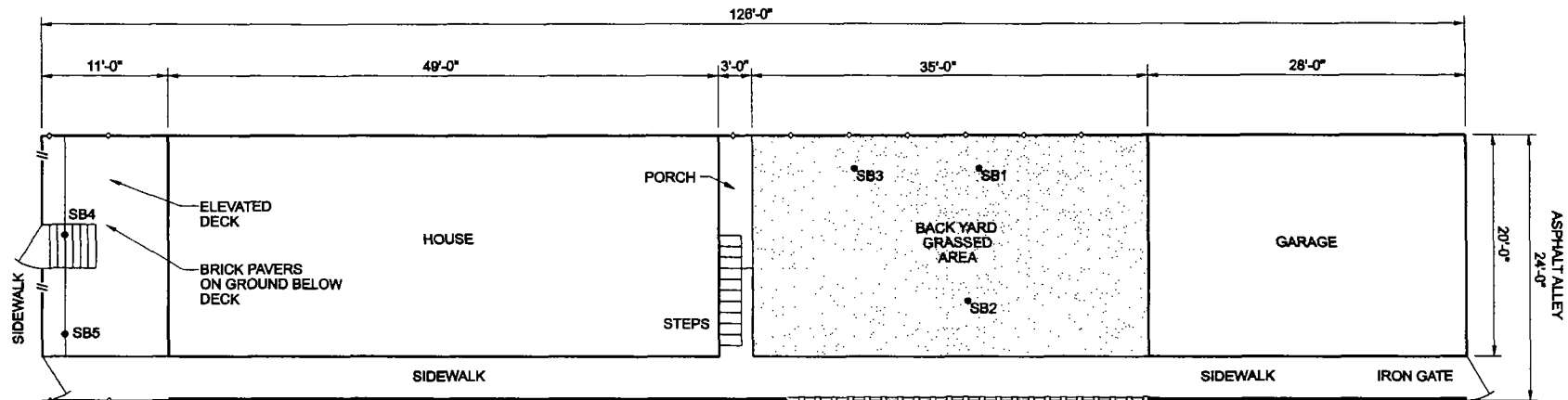
Property Layout  
2837 South Troy Street  
Residential Soil Sampling Report  
Former Celotex Site  
Chicago, Illinois

**CH2MHILL**










SOUTH TROY STREET

PARKWAY

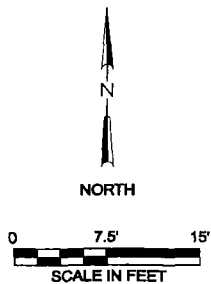


LEGEND:

-  GRASSED AREAS
-  CONCRETE BLOCK/BRICK WALL
-  CHAIN LINK FENCE
-  IRON/METAL FENCE
-  ADJACENT HOUSE/GARAGE
-  GATE
-  SB2 SOIL BORING LOCATION

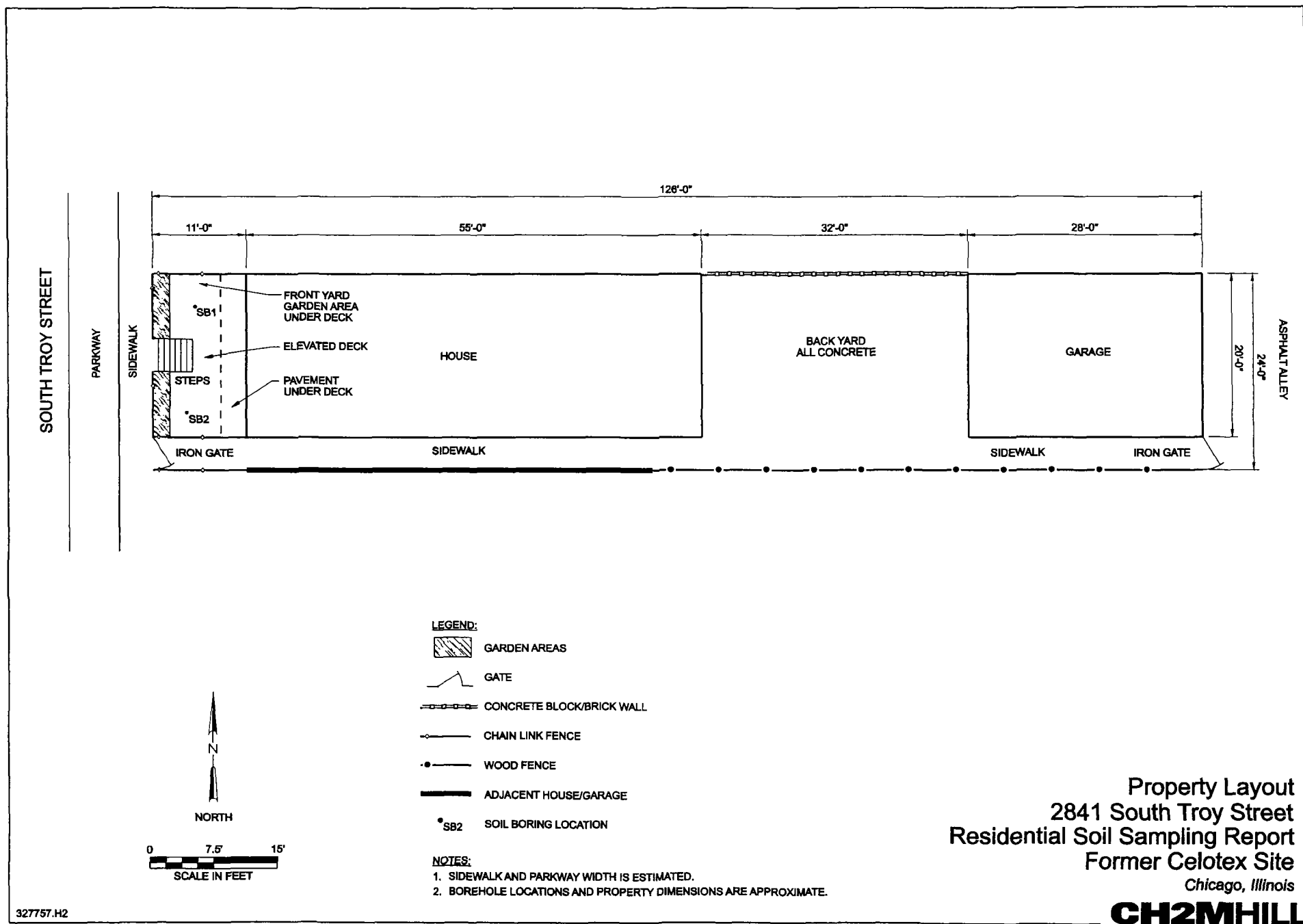
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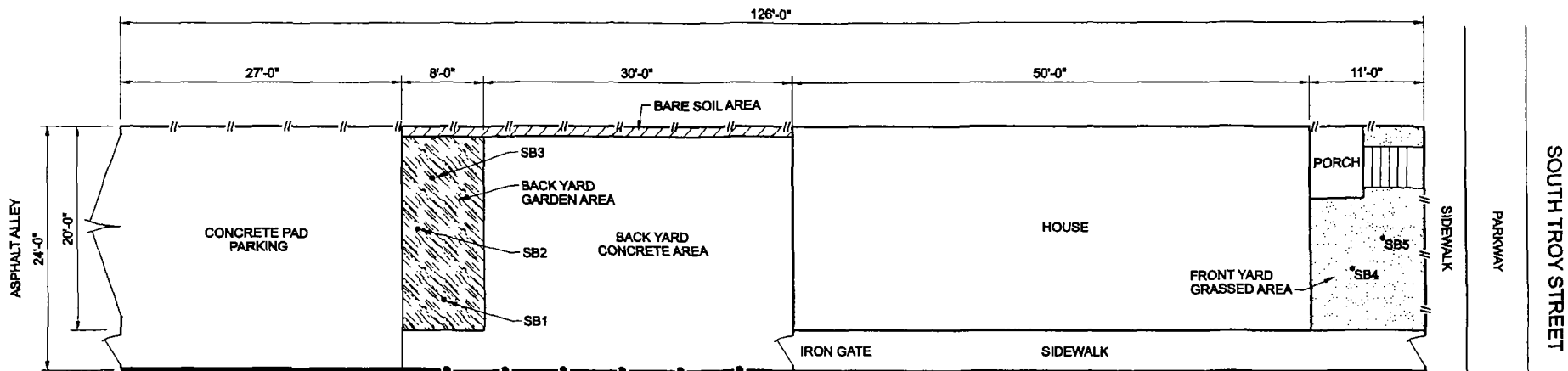
1. SIDEWALK AND PARKWAY WIDTH IS ESTIMATED.
2. BOREHOLE LOCATIONS AND PROPERTY DIMENSIONS ARE APPROXIMATE.











Property Layout  
2839 South Troy Street  
Residential Soil Sampling Report  
Former Celotex Site  
Chicago, Illinois

**CH2MHILL**



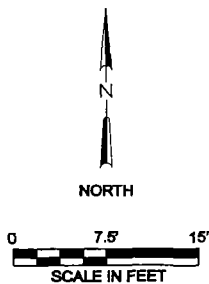


**LEGEND:**

-  GRASSED AREAS
-  BARE SOIL AREAS
-  GARDEN AREAS
-  ADJACENT HOUSE/GARAGE
-  IRON/METAL FENCE
-  WOOD FENCE
-  SOIL BORING LOCATION
-  GATE

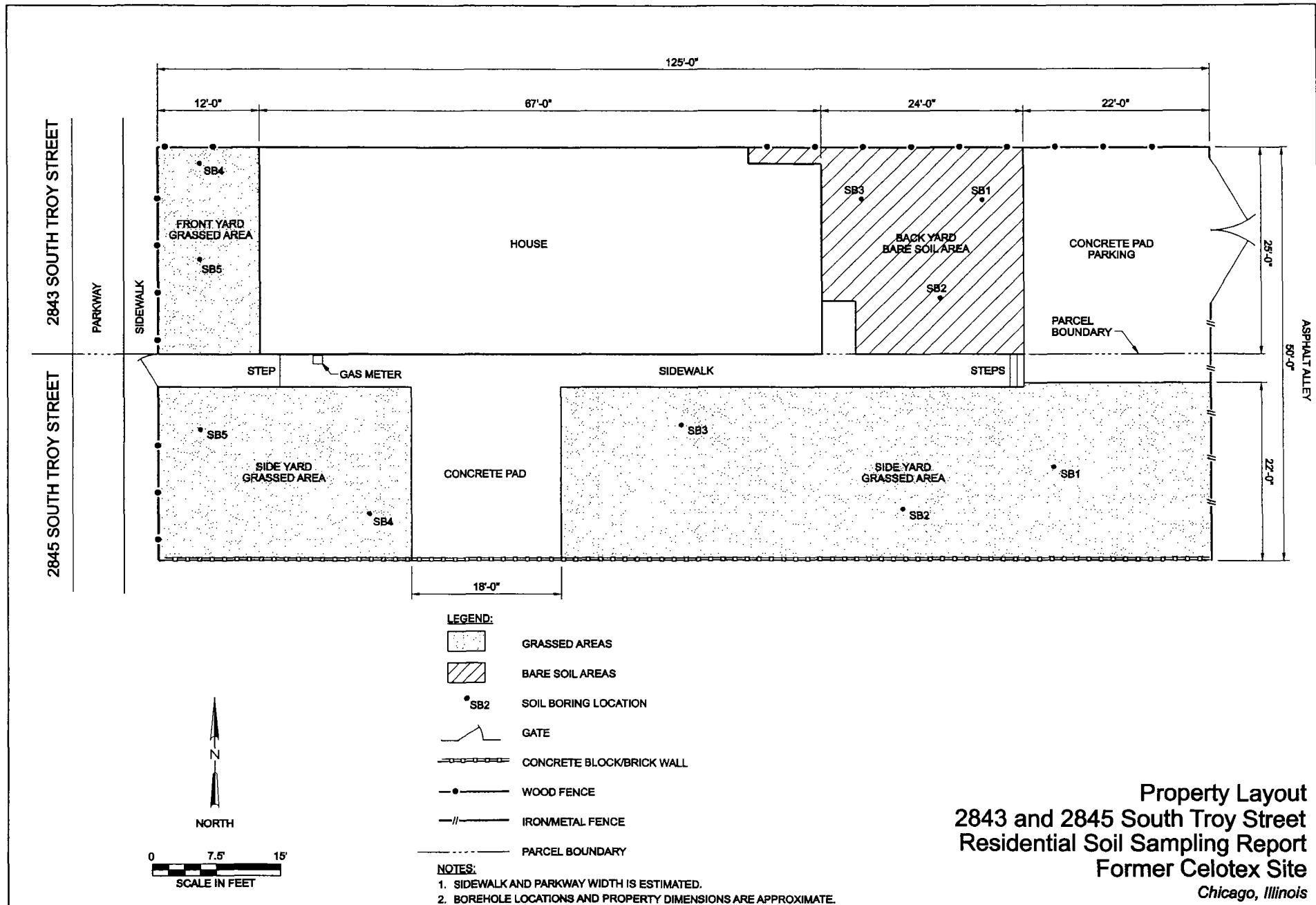
**NOTES:**

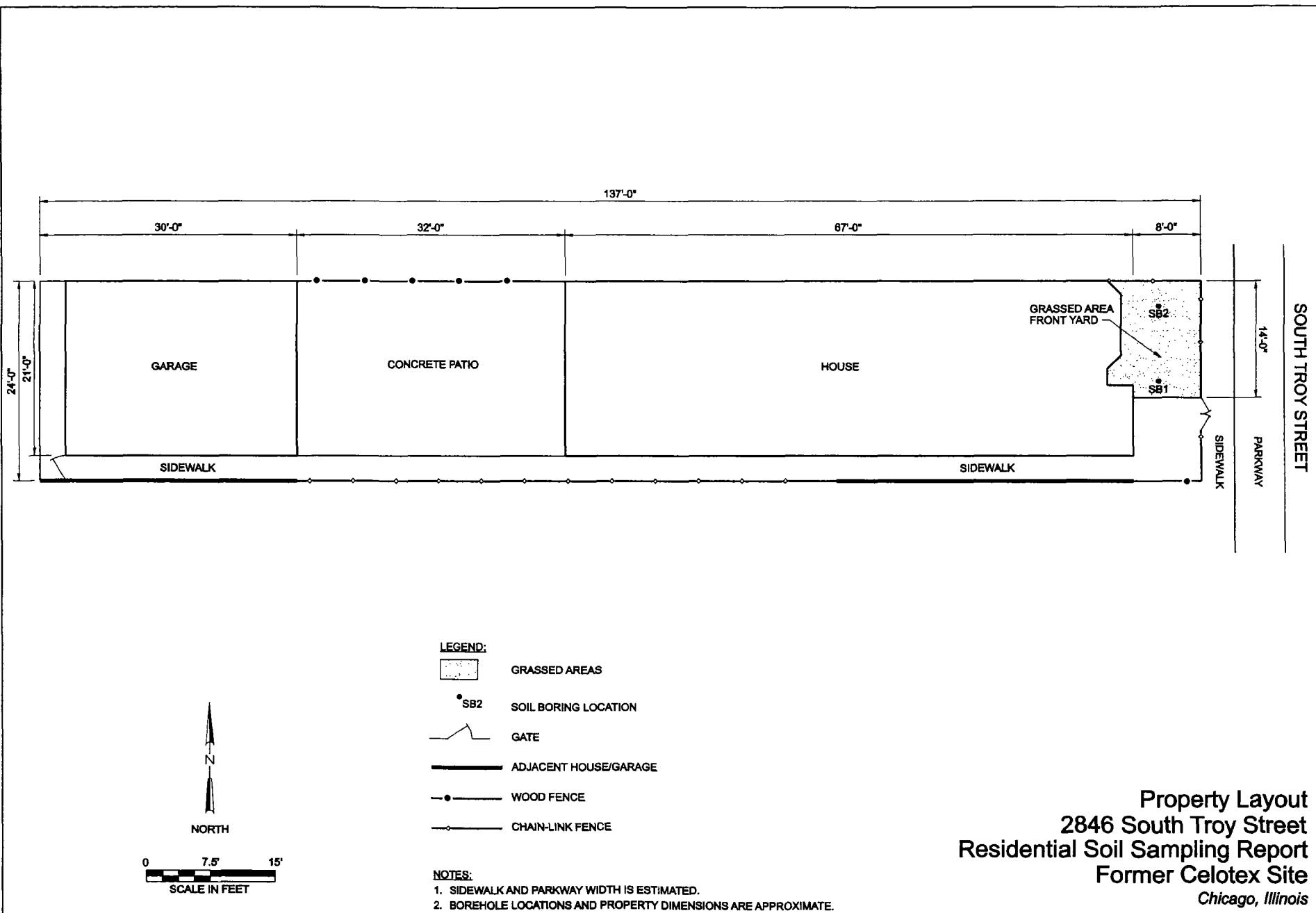
1. SIDEWALK AND PARKWAY WIDTH IS ESTIMATED.
2. BOREHOLE LOCATIONS AND PROPERTY DIMENSIONS ARE APPROXIMATE.

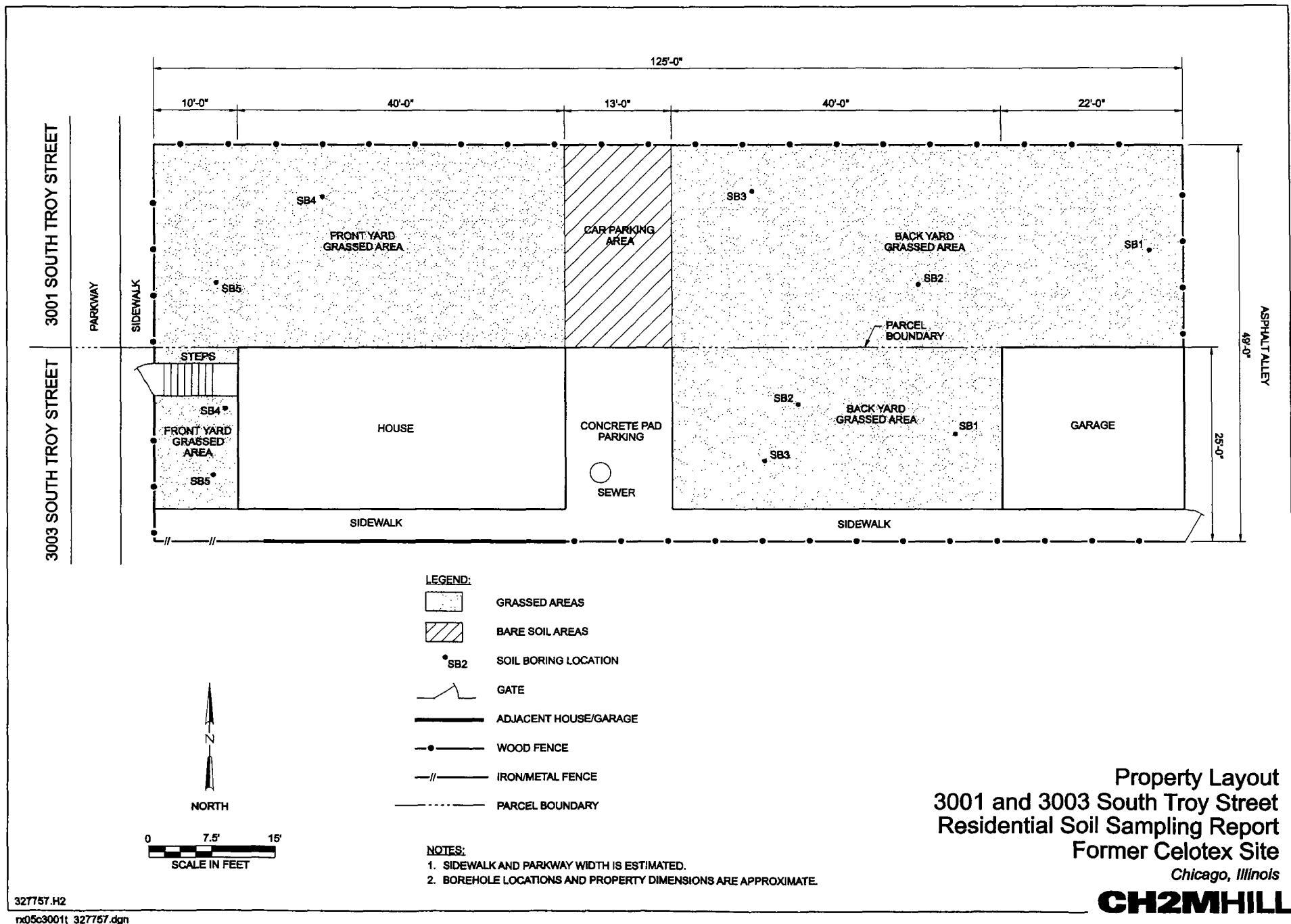


Property Layout  
2842 South Troy Street  
Residential Soil Sampling Report  
Former Celotex Site  
Chicago, Illinois

**CH2MHILL**

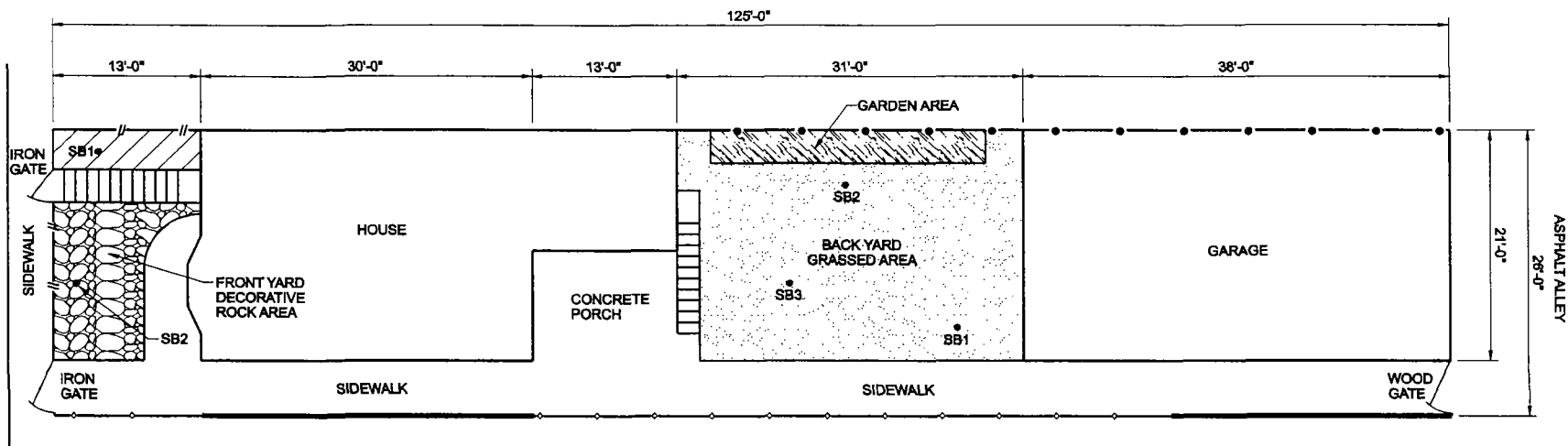
















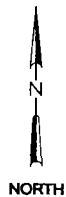
SOUTH TROY STREET

PARKWAY



LEGEND:

-  GRASSED AREAS
-  DECORATIVE ROCK AREAS
-  GARDEN AREAS
-  BARE SOIL AREAS
-  SOIL BORING LOCATION
-  GATE
-  ADJACENT HOUSE/GARAGE
-  WOOD FENCE
-  CHAIN-LINK FENCE
-  IRON/METAL FENCE



NOTES:

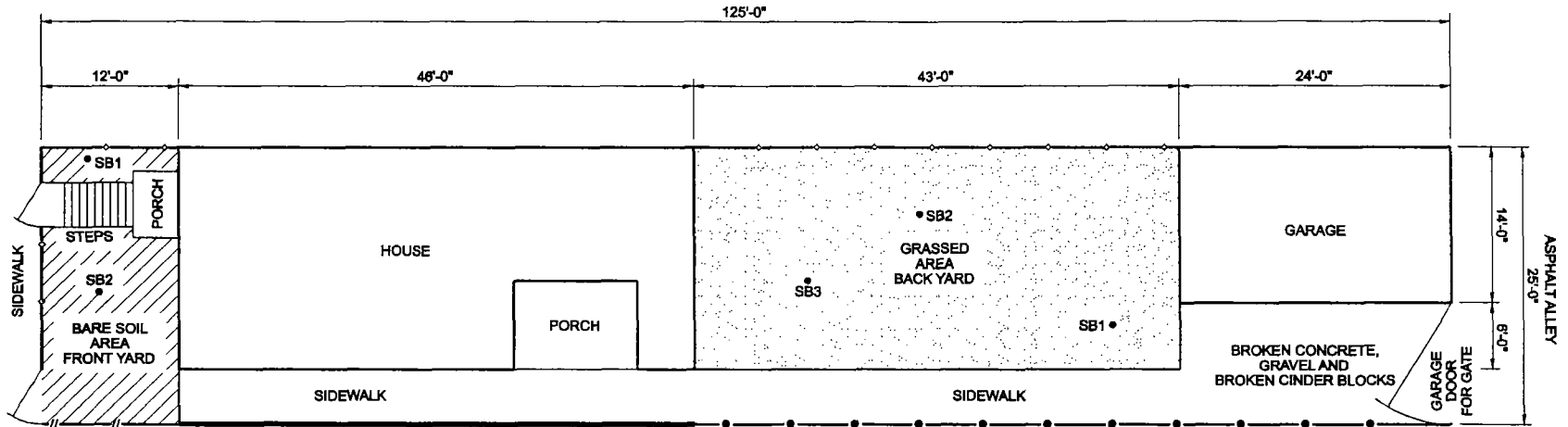
1. SIDEWALK AND PARKWAY WIDTH IS ESTIMATED.
2. BOREHOLE LOCATIONS AND PROPERTY DIMENSIONS ARE APPROXIMATE.

Property Layout  
3005 South Troy Street  
Residential Soil Sampling Report  
Former Celotex Site  
Chicago, Illinois









**CH2MHILL**

SOUTH TROY STREET

PARKWAY

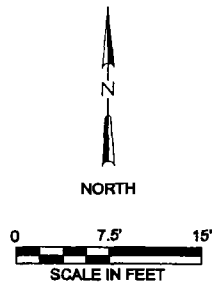


**LEGEND:**

-  GRASSED AREAS
-  BARE SOIL AREAS
-  SOIL BORING LOCATION
-  GATE
-  ADJACENT HOUSE/GARAGE
-  WOOD FENCE
-  CHAIN-LINK FENCE
-  IRON/METAL FENCE

**NOTES:**

1. SIDEWALK AND PARKWAY WIDTH IS ESTIMATED.
2. BOREHOLE LOCATIONS AND PROPERTY DIMENSIONS ARE APPROXIMATE.



Property Layout  
3009 South Troy Street  
Residential Soil Sampling Report  
Former Celotex Site

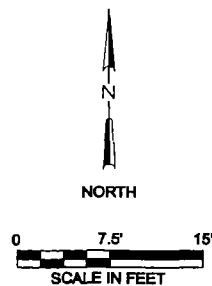
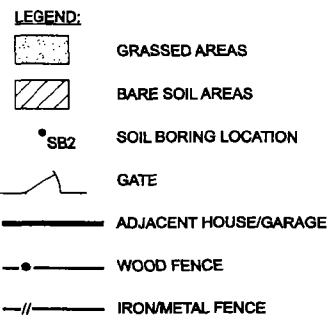
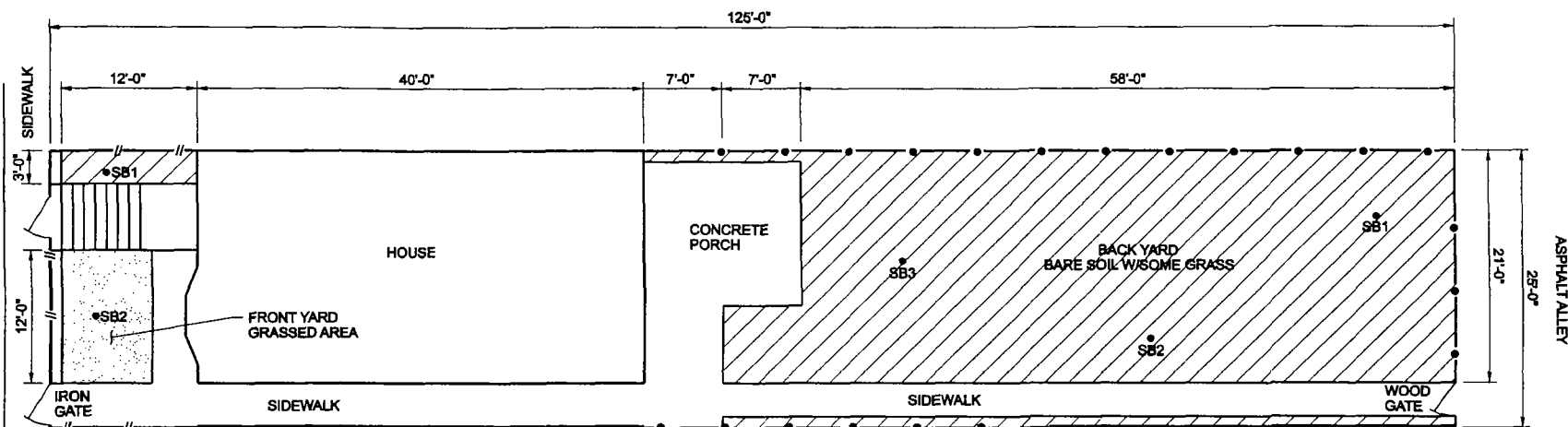
Chicago, Illinois

**CH2MHILL**



SOUTH TROY STREET

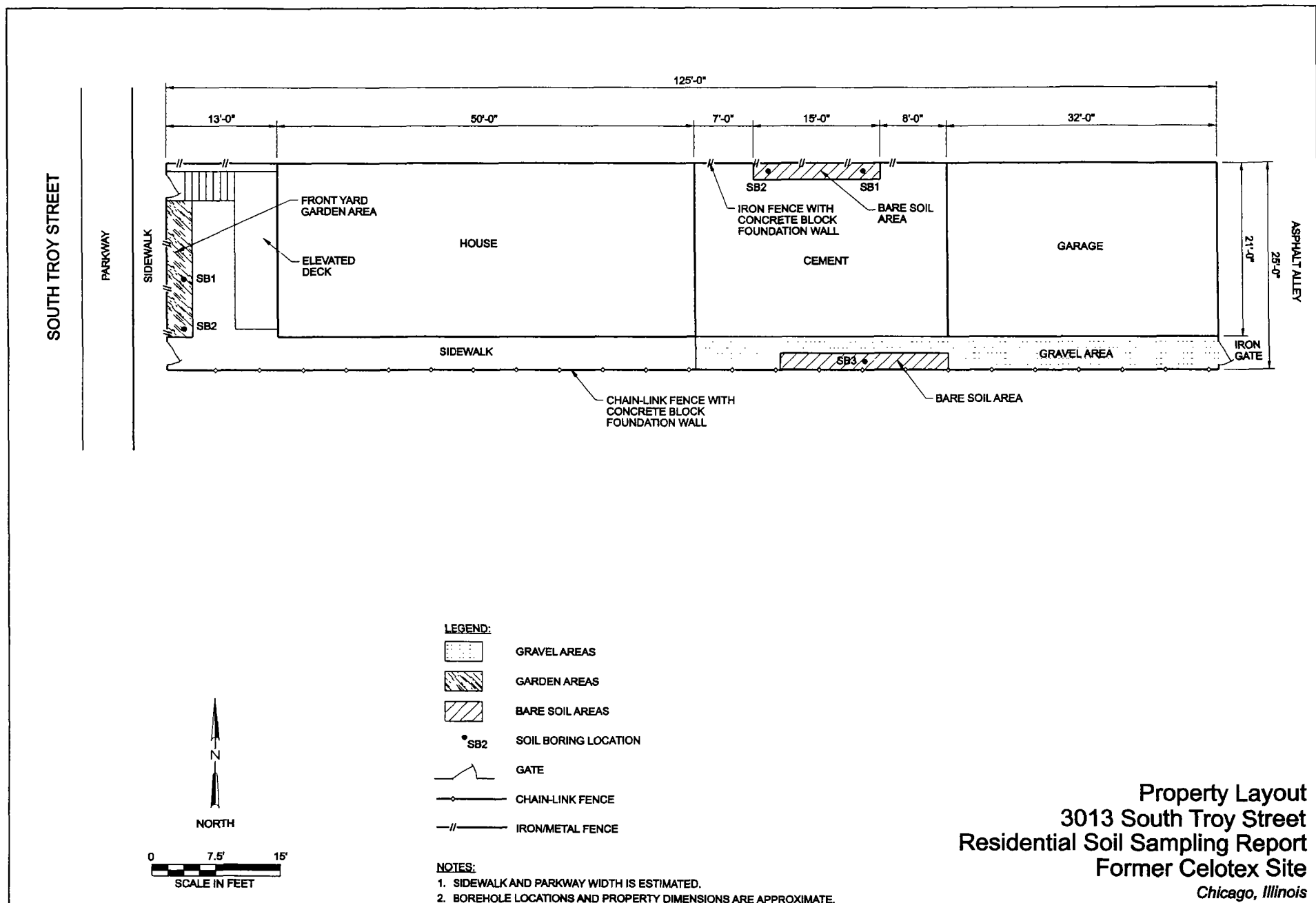
PARKWAY



- NOTES:**
1. SIDEWALK AND PARKWAY WIDTH IS ESTIMATED.
  2. BOREHOLE LOCATIONS AND PROPERTY DIMENSIONS ARE APPROXIMATE.

Property Layout  
3011 South Troy Street  
Residential Soil Sampling Report  
Former Celotex Site  
Chicago, Illinois

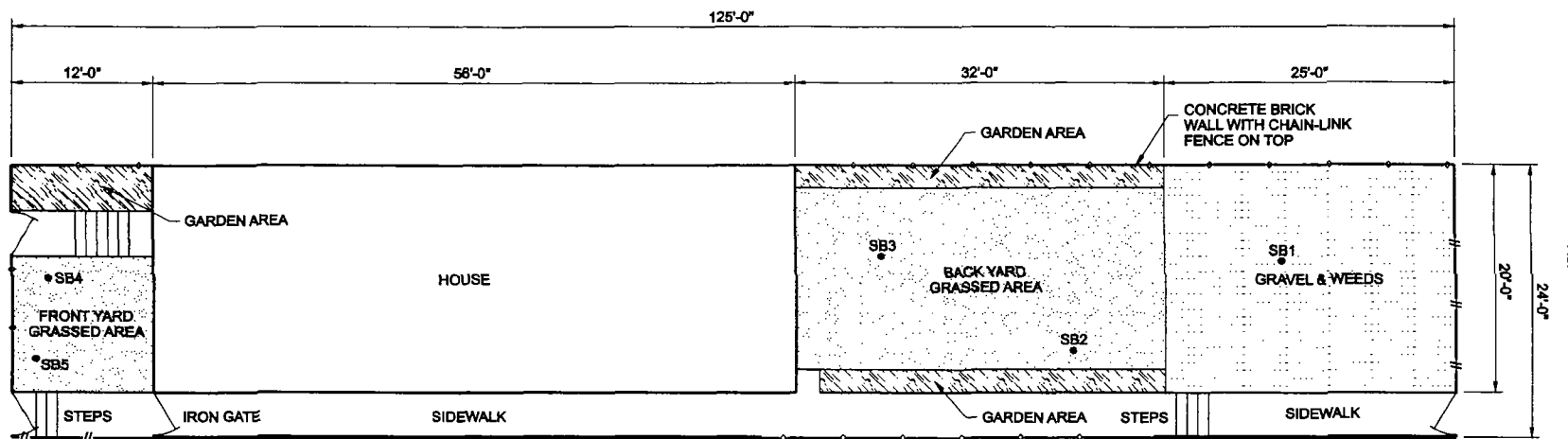
**CH2MHILL**











SOUTH TROY STREET

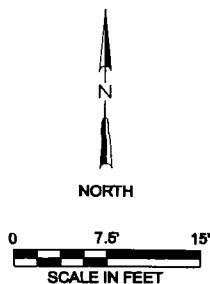
PARKWAY

SIDEWALK



**LEGEND:**

-  GRASSED AREAS
-  GRAVEL AREAS
-  GARDEN AREAS
-  SOIL BORING LOCATION
-  GATE
-  ADJACENT HOUSE/GARAGE
-  CHAIN-LINK FENCE
-  IRON/METAL FENCE



**NOTES:**

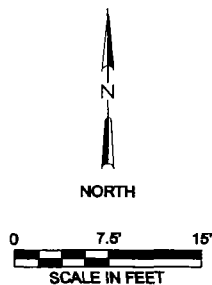
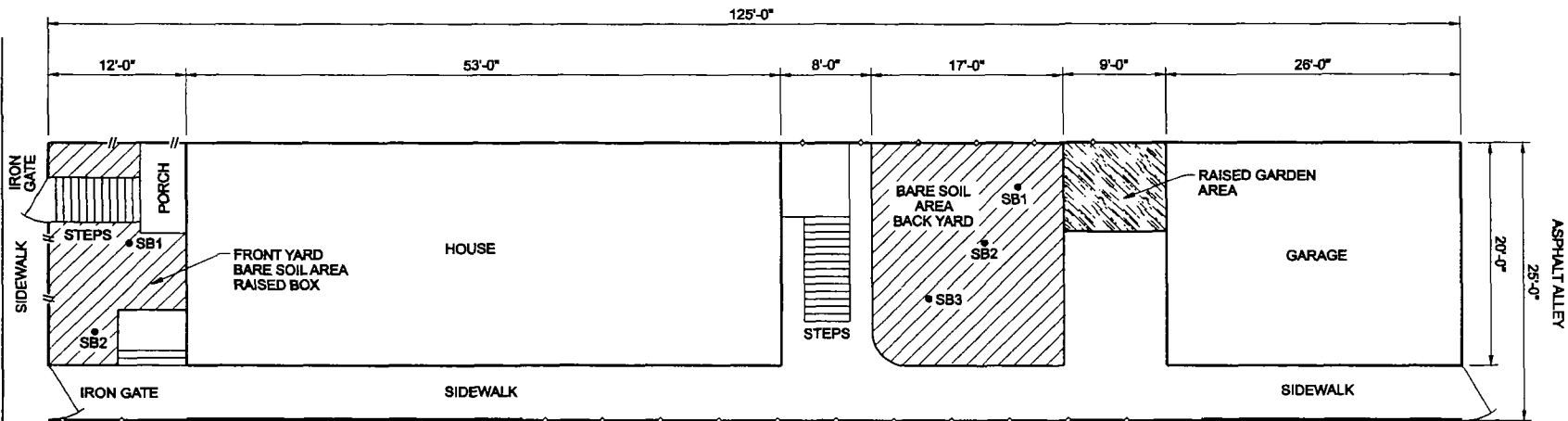
1. SIDEWALK AND PARKWAY WIDTH IS ESTIMATED.
2. BOREHOLE LOCATIONS AND PROPERTY DIMENSIONS ARE APPROXIMATE.

Property Layout  
3015 South Troy Street  
Residential Soil Sampling Report  
Former Celotex Site  
Chicago, Illinois








**CH2MHILL**

SOUTH TROY STREET

PARKWAY



**LEGEND:**

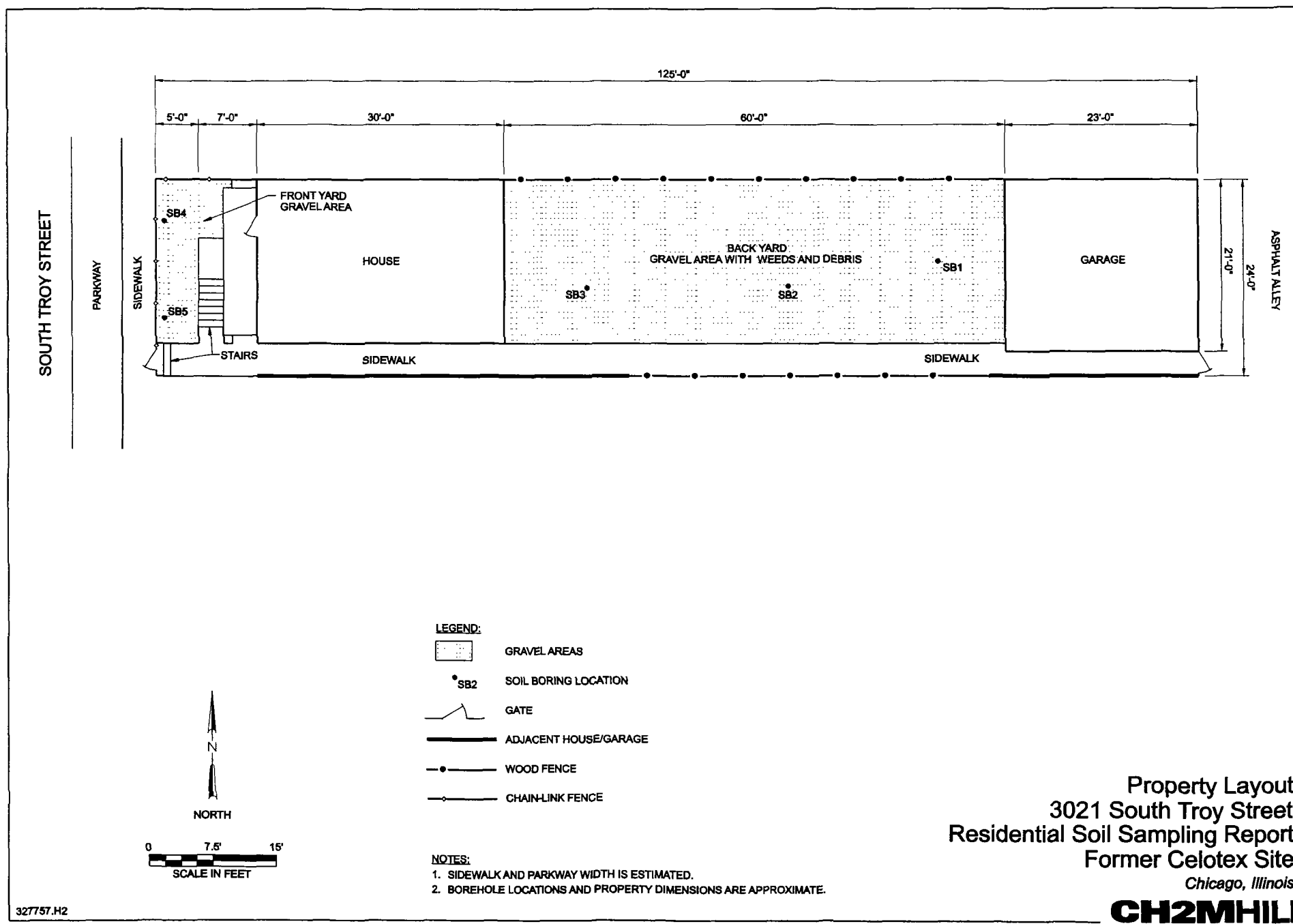
-  GARDEN AREAS
-  BARE SOIL AREAS
-  SB2 SOIL BORING LOCATION
-  GATE
-  ADJACENT HOUSE/GARAGE
-  CHAIN-LINK FENCE
-  IRON/METAL FENCE

**NOTES:**

1. SIDEWALK AND PARKWAY WIDTH IS ESTIMATED.
2. BOREHOLE LOCATIONS AND PROPERTY DIMENSIONS ARE APPROXIMATE.

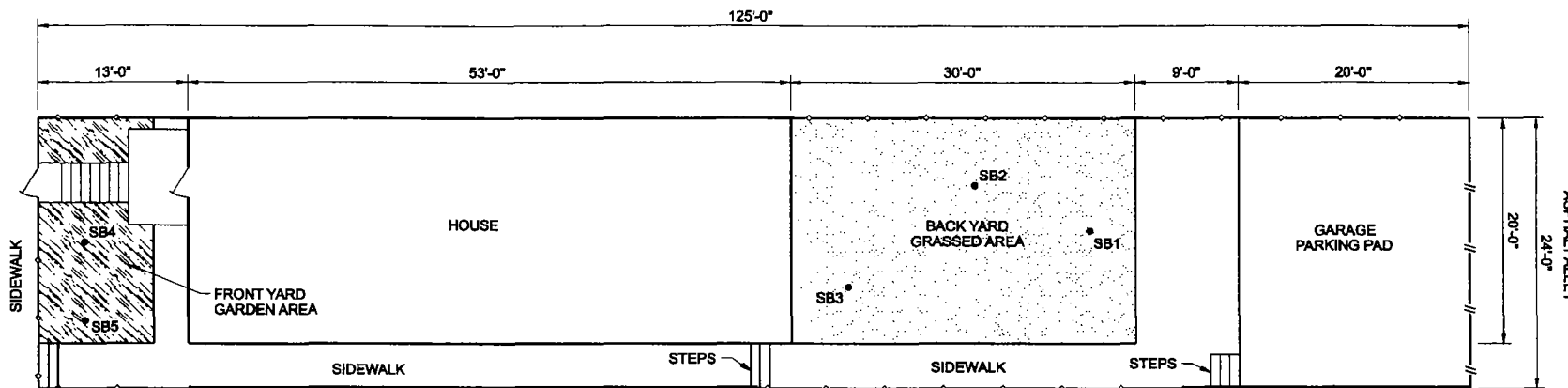
Property Layout  
3019 South Troy Street  
Residential Soil Sampling Report  
Former Celotex Site  
Chicago, Illinois

**CH2MHILL**










SOUTH TROY STREET

PARKWAY

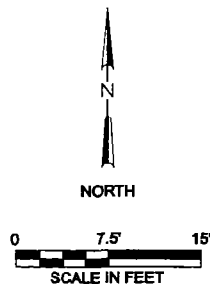


**LEGEND:**

-  GRASSED AREAS
-  GARDEN AREAS
-  SOIL BORING LOCATION
-  GATE
-  ADJACENT HOUSE/GARAGE
-  CHAIN-LINK FENCE
-  IRON/METAL FENCE

**NOTES:**

1. SIDEWALK AND PARKWAY WIDTH IS ESTIMATED.
2. BOREHOLE LOCATIONS AND PROPERTY DIMENSIONS ARE APPROXIMATE.

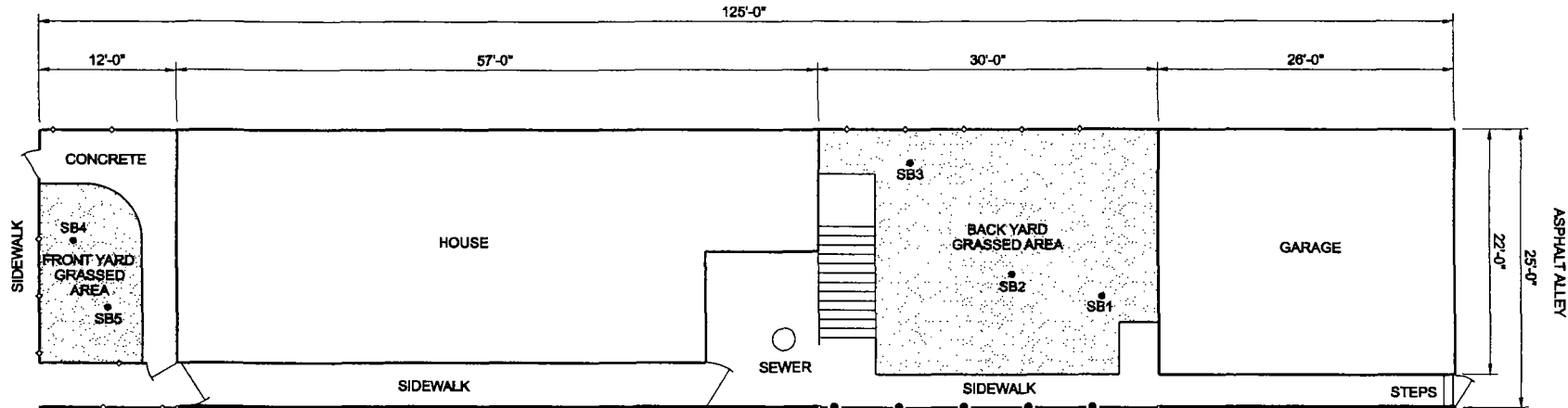


Property Layout  
3025 South Troy Street  
Residential Soil Sampling Report  
Former Celotex Site  
Chicago, Illinois







**CH2MHILL**

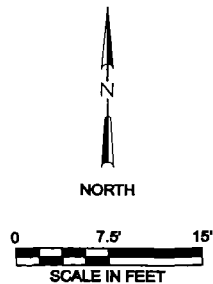
SOUTH TROY STREET

PARKWAY



LEGEND:

-  GRASSED AREAS
-  SB2 SOIL BORING LOCATION
-  GATE
-  ADJACENT HOUSE/GARAGE
-  WOOD FENCE
-  CHAIN-LINK FENCE



NOTES:

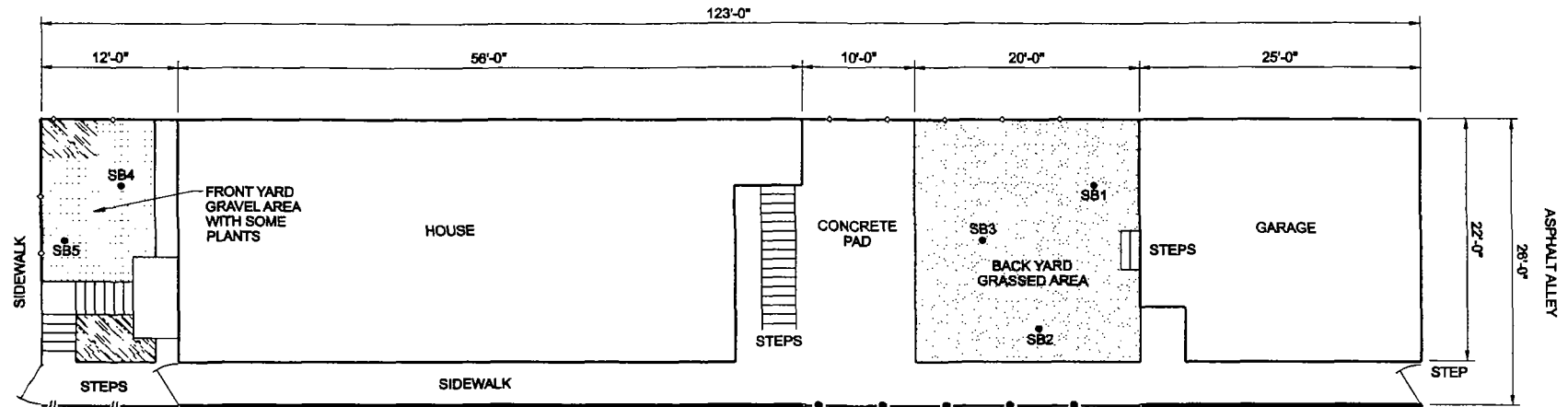
1. SIDEWALK AND PARKWAY WIDTH IS ESTIMATED.
2. BOREHOLE LOCATIONS AND PROPERTY DIMENSIONS ARE APPROXIMATE.










Property Layout  
3029 South Troy Street  
Residential Soil Sampling Report  
Former Celotex Site  
Chicago, Illinois

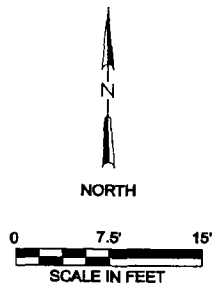
**CH2MHILL**

SOUTH TROY STREET

PARKWAY



- LEGEND:**
-  GRASSED AREAS
  -  GRAVEL AREAS
  -  GARDEN AREAS
  -  SOIL BORING LOCATION
  -  GATE
  -  ADJACENT HOUSE/GARAGE
  -  WOOD FENCE
  -  CHAIN-LINK FENCE
  -  IRON/METAL FENCE



- NOTES:**
1. SIDEWALK AND PARKWAY WIDTH IS ESTIMATED.
  2. BOREHOLE LOCATIONS AND PROPERTY DIMENSIONS ARE APPROXIMATE.

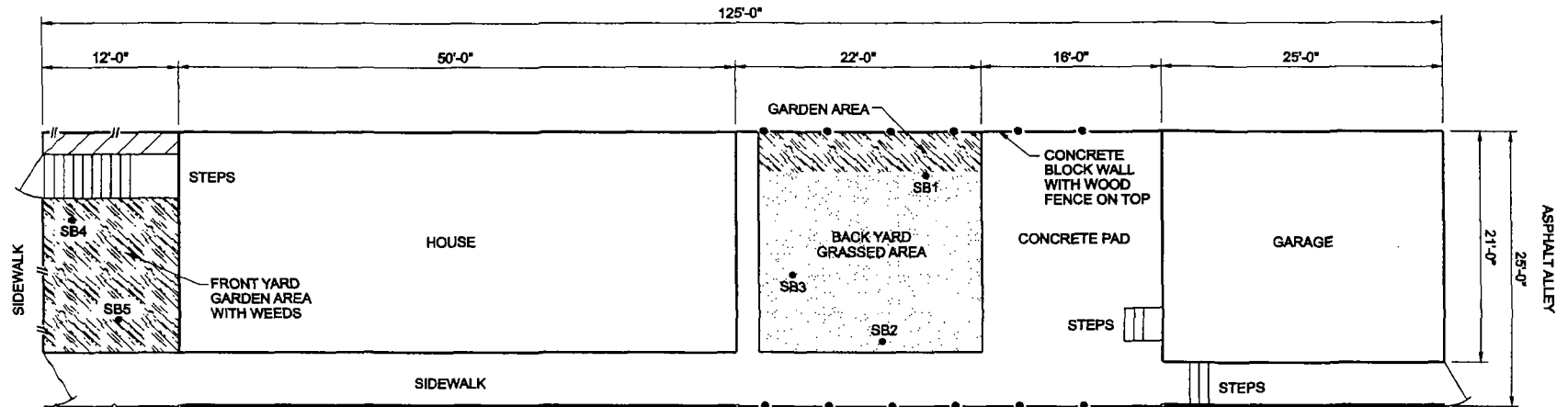
Property Layout  
3033 South Troy Street  
Residential Soil Sampling Report  
Former Celotex Site  
Chicago, Illinois

**CH2MHILL**











SOUTH TROY STREET

PARKWAY

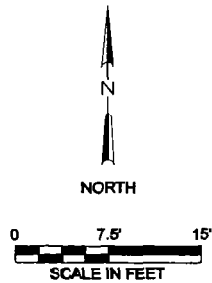


**LEGEND:**

-  GRASSED AREAS
-  GARDEN AREAS
-  BARE SOIL AREAS
-  SOIL BORING LOCATION
-  GATE
-  ADJACENT HOUSE/GARAGE
-  WOOD FENCE
-  IRON/METAL FENCE

**NOTES:**

1. SIDEWALK AND PARKWAY WIDTH IS ESTIMATED.
2. BOREHOLE LOCATIONS AND PROPERTY DIMENSIONS ARE APPROXIMATE.

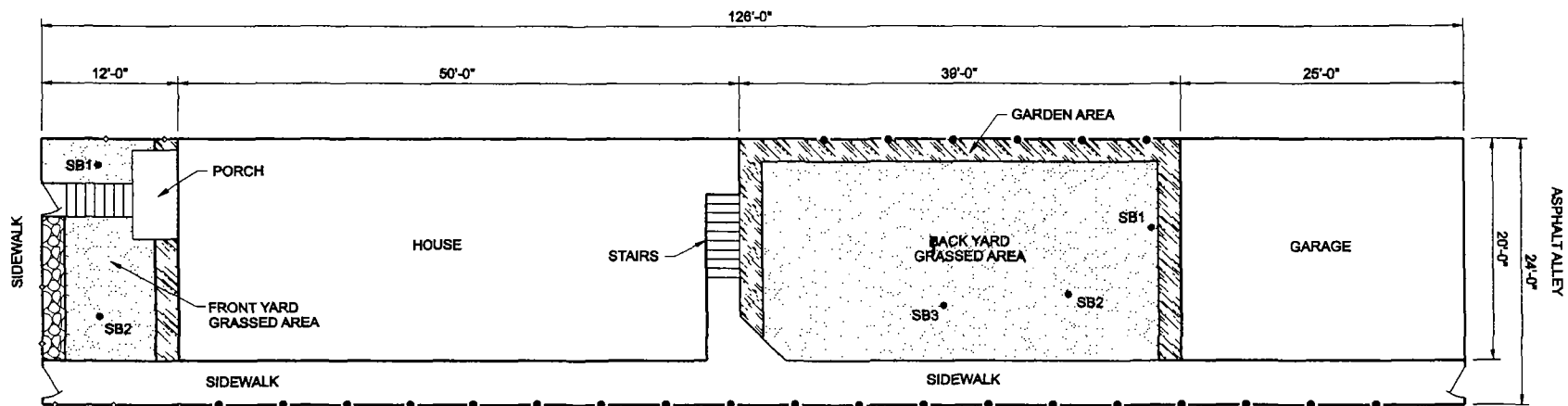


Property Layout  
3035 South Troy Street  
Residential Soil Sampling Report  
Former Celotex Site  
Chicago, Illinois








**CH2MHILL**

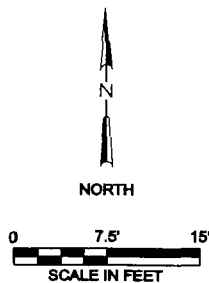
SOUTH TROY STREET

PARKWAY



**LEGEND:**

-  GRASSED AREAS
-  GARDEN AREAS
-  DECORATIVE ROCK AREAS
-  SOIL BORING LOCATION
-  GATE
-  WOOD FENCE
-  CHAIN-LINK FENCE



**NOTES:**

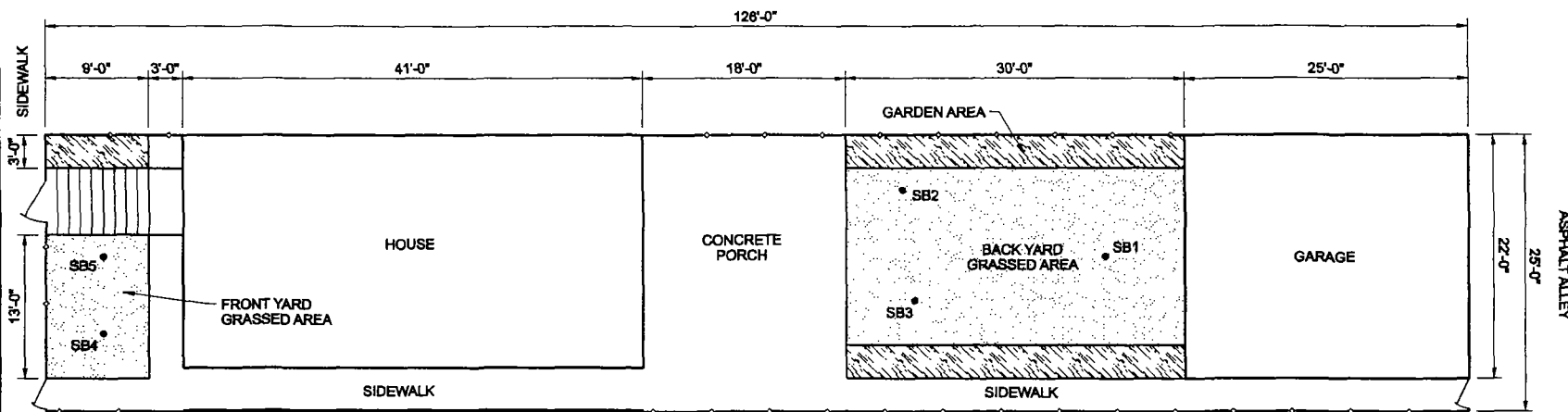
1. SIDEWALK AND PARKWAY WIDTH IS ESTIMATED.
2. BOREHOLE LOCATIONS AND PROPERTY DIMENSIONS ARE APPROXIMATE.

Property Layout  
3037 South Troy Street  
Residential Soil Sampling Report  
Former Celotex Site  
Chicago, Illinois

**CH2MHILL**

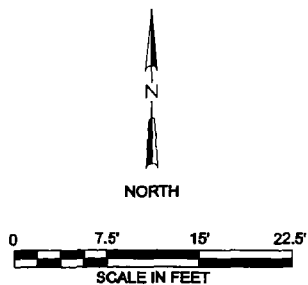
SOUTH TROY STREET

PARKWAY



**LEGEND:**

- GRASSED AREAS
- GARDEN AREAS
- CHAIN-LINK FENCE
- SOIL BORING LOCATION
- GATE
- ADJACENT HOUSE/GARAGE



**NOTES:**

1. SIDEWALK AND PARKWAY WIDTH IS ESTIMATED.
2. BOREHOLE LOCATIONS AND PROPERTY DIMENSIONS ARE APPROXIMATE.

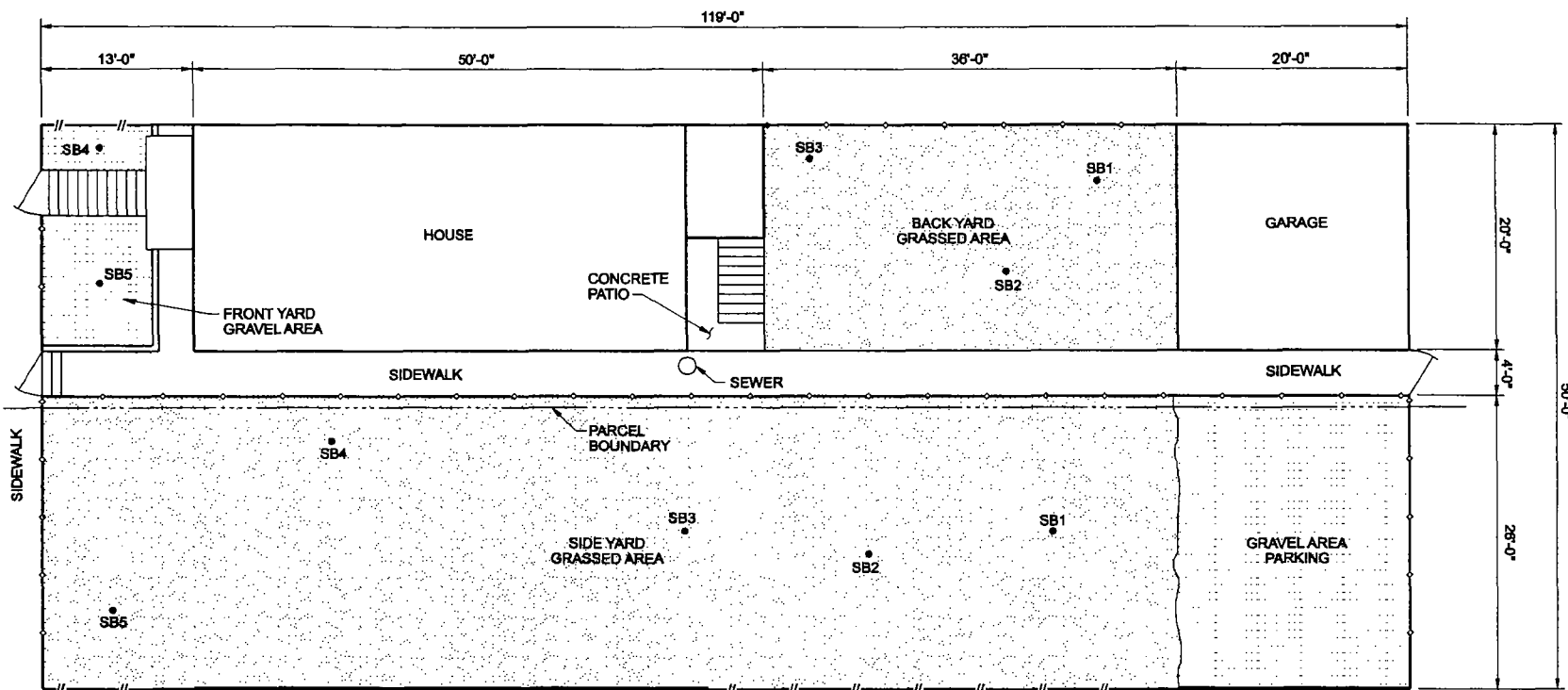
Property Layout  
3041 South Troy Street  
Residential Soil Sampling Report  
Former Celotex Site  
Chicago, Illinois

**CH2MHILL**









3043 SOUTH TROY STREET

3045 SOUTH TROY STREET

PARKWAY

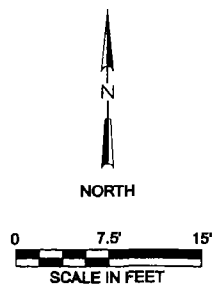


**LEGEND:**

-  GRASSED AREAS
-  GRAVEL AREAS
-  SOIL BORING LOCATION
-  GATE
-  ADJACENT HOUSE/GARAGE
-  CHAIN-LINK FENCE
-  IRON/METAL FENCE
-  PARCEL BOUNDARY

**NOTES:**

1. SIDEWALK AND PARKWAY WIDTH IS ESTIMATED.
2. BOREHOLE LOCATIONS AND PROPERTY DIMENSIONS ARE APPROXIMATE.

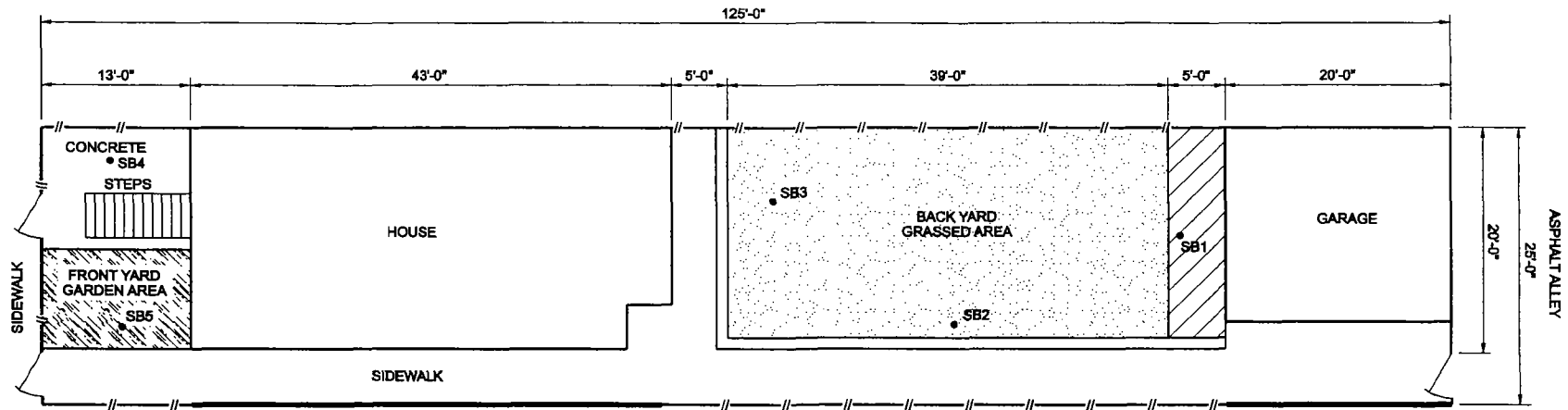


Property Layout  
3043 and 3045 South Troy Street  
Residential Soil Sampling Report  
Former Celotex Site  
Chicago, Illinois








**CH2MHILL**

SOUTH TROY STREET

PARKWAY

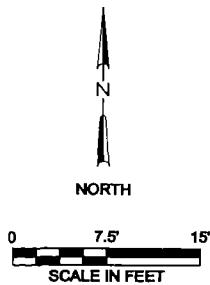


**LEGEND:**

-  GRASSED AREAS
-  BARE SOIL AREAS
-  GARDEN AREAS
-  SOIL BORING LOCATION
-  GATE
-  ADJACENT HOUSE/GARAGE
-  IRON/METAL FENCE

**NOTES:**

1. SIDEWALK AND PARKWAY WIDTH IS ESTIMATED.
2. BOREHOLE LOCATIONS AND PROPERTY DIMENSIONS ARE APPROXIMATE.

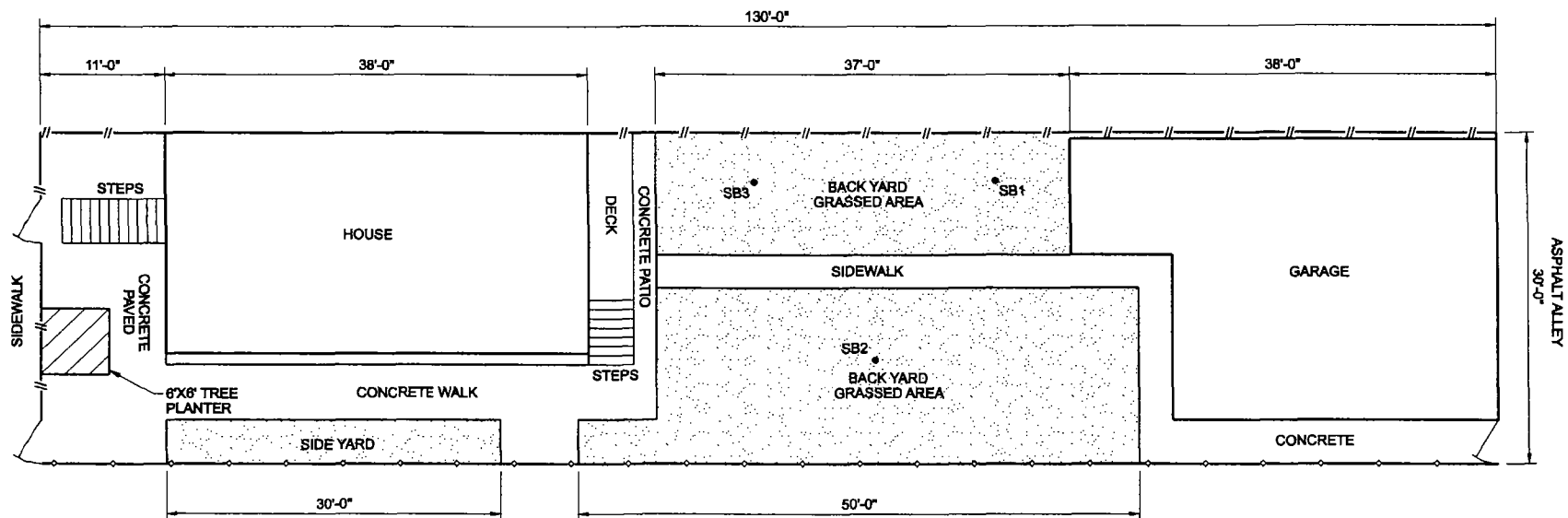


Property Layout  
3047 South Troy Street  
Residential Soil Sampling Report  
Former Celotex Site  
Chicago, Illinois







**CH2MHILL**

SOUTH TROY STREET

PARKWAY



**LEGEND:**

-  GRASSED AREAS
-  BARE SOIL AREAS
-  SOIL BORING LOCATION
-  GATE
-  CHAIN LINK FENCE
-  IRON/METAL FENCE

**NOTES:**

1. SIDEWALK AND PARKWAY WIDTH IS ESTIMATED.
2. BOREHOLE LOCATIONS AND PROPERTY DIMENSIONS ARE APPROXIMATE.

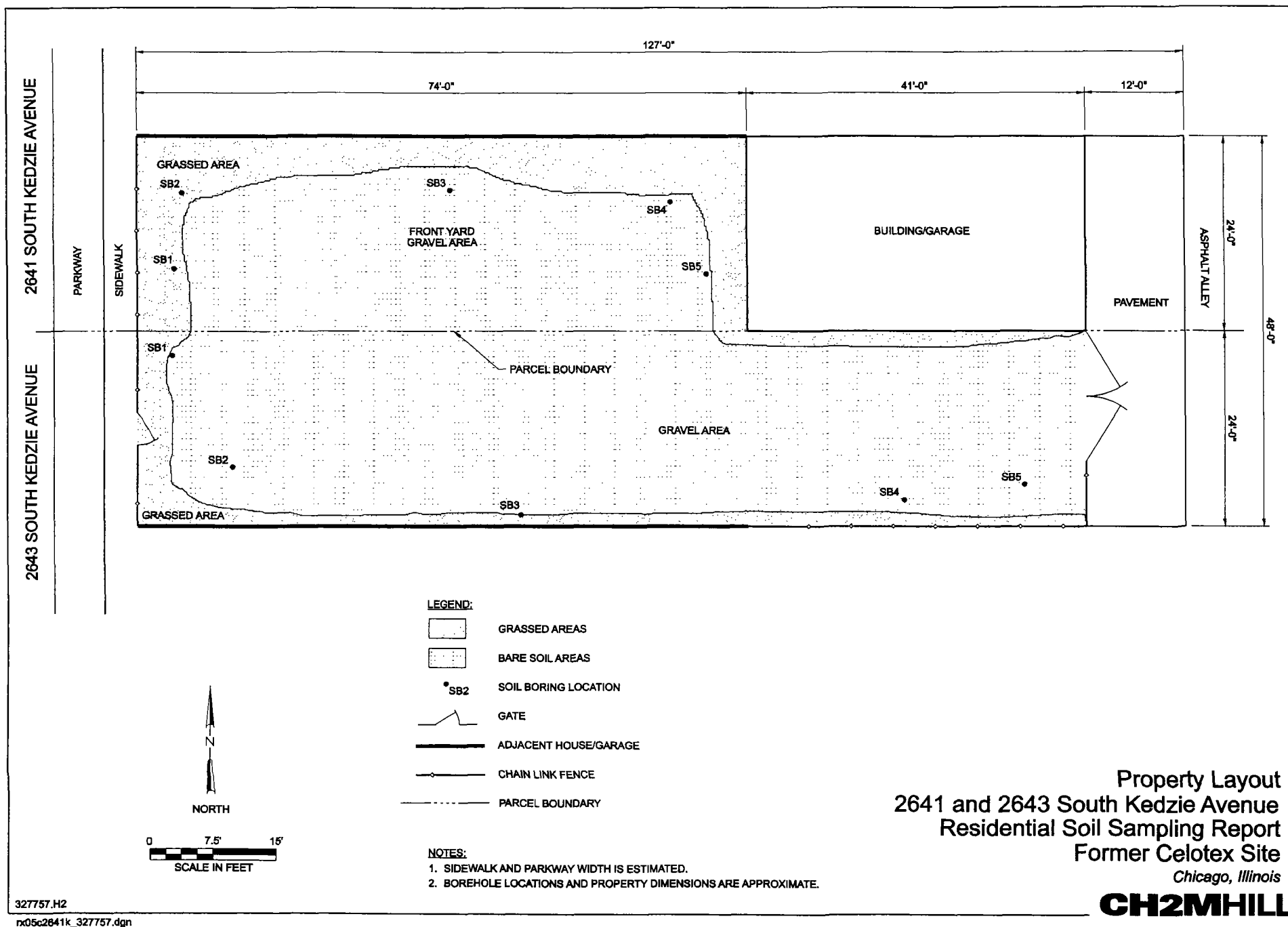
Property Layout  
3051 South Troy Street  
Residential Soil Sampling Report  
Former Celotex Site  
Chicago, Illinois

**CH2MHILL**

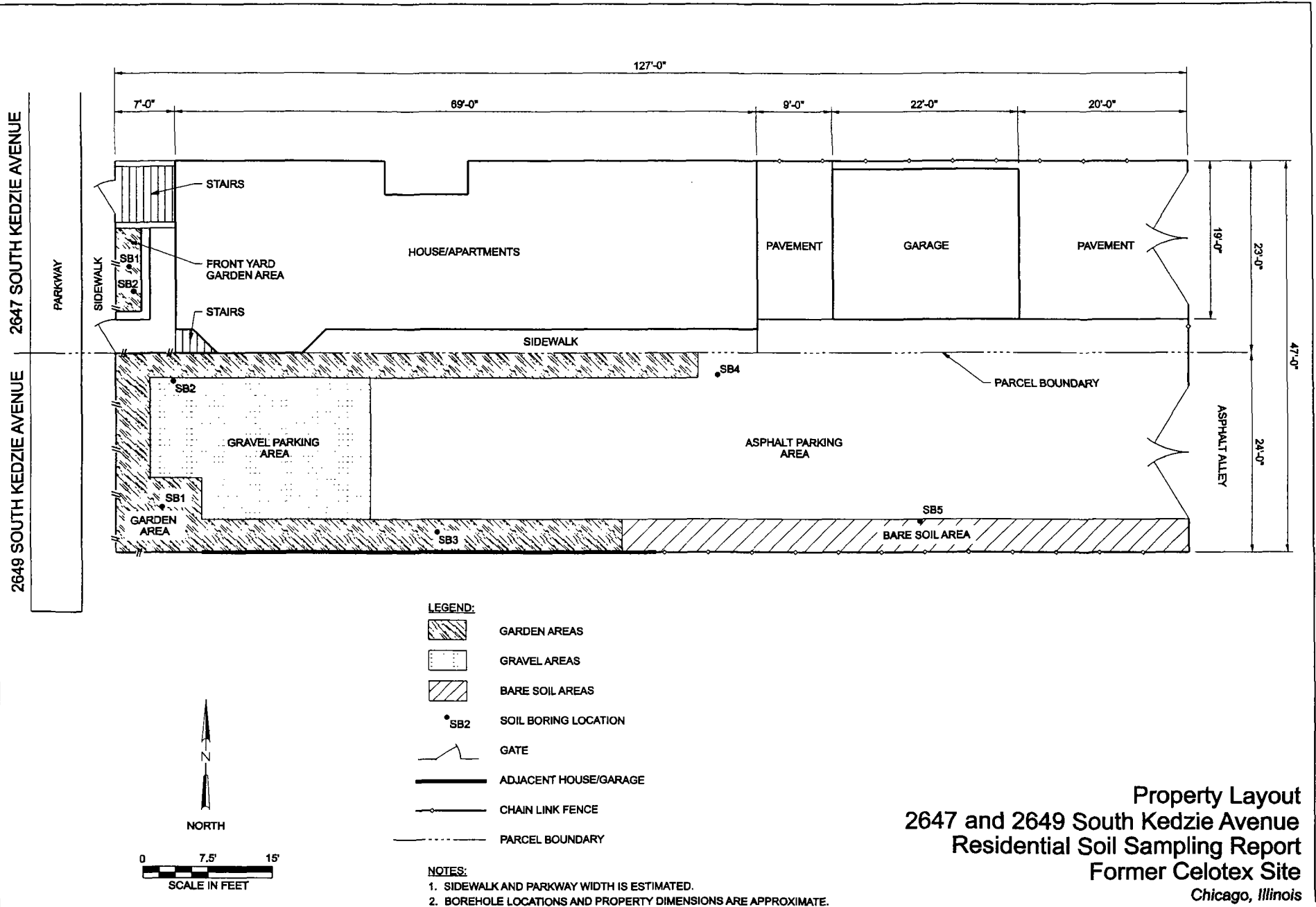
APPENDIX A

## **South Kedzie Avenue**

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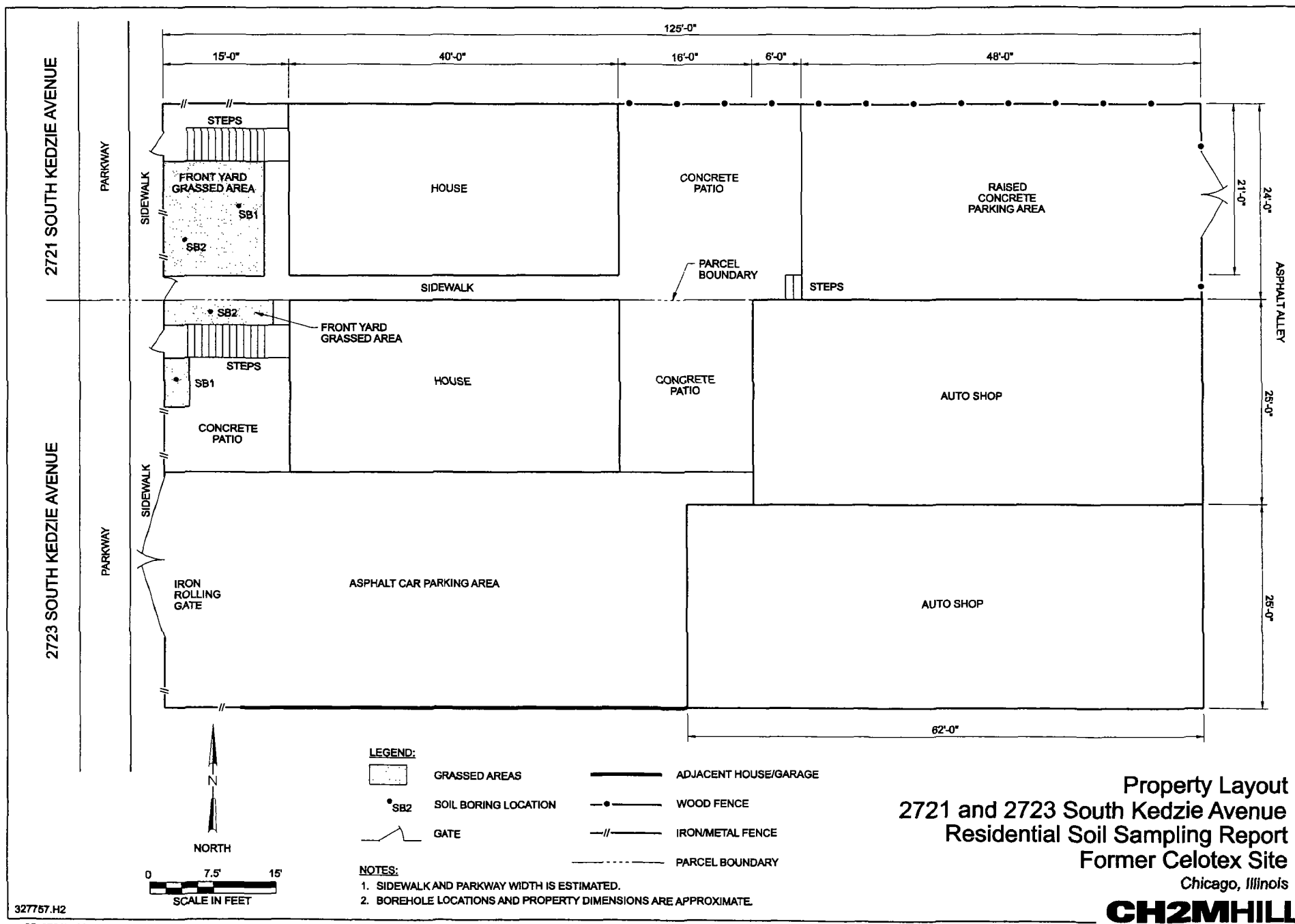






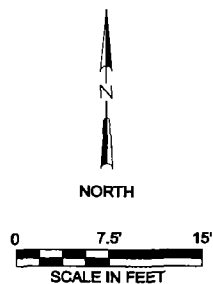
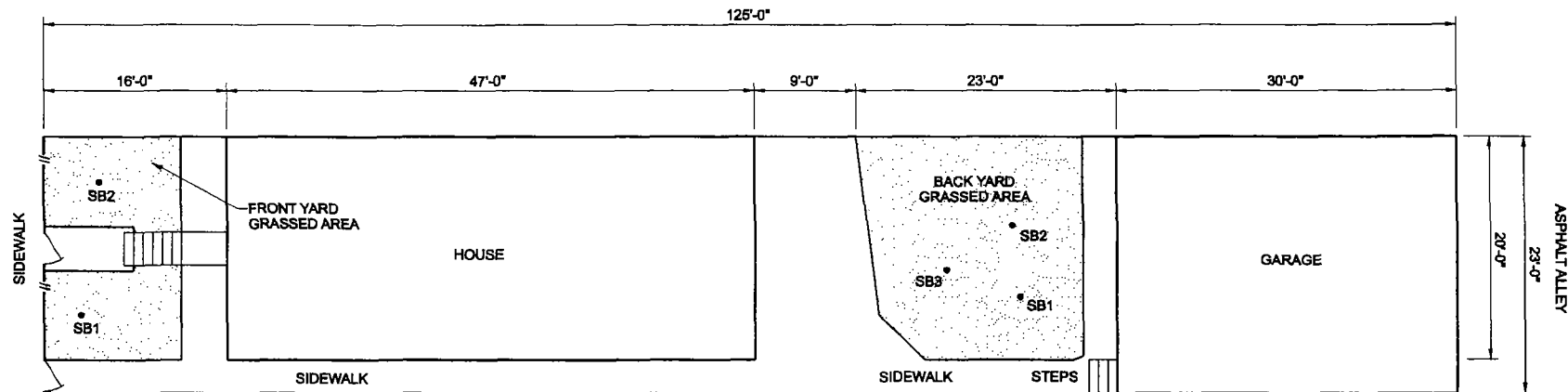
Property Layout  
 2647 and 2649 South Kedzie Avenue  
 Residential Soil Sampling Report  
 Former Celotex Site  
 Chicago, Illinois

**CH2MHILL**



SOUTH KEDZIE AVENUE

PARKWAY



**LEGEND:**

- GRASSED AREAS
- SOIL BORING LOCATION
- GATE
- IRON/METAL FENCE

**NOTES:**

1. SIDEWALK AND PARKWAY WIDTH IS ESTIMATED.
2. BOREHOLE LOCATIONS AND PROPERTY DIMENSIONS ARE APPROXIMATE.

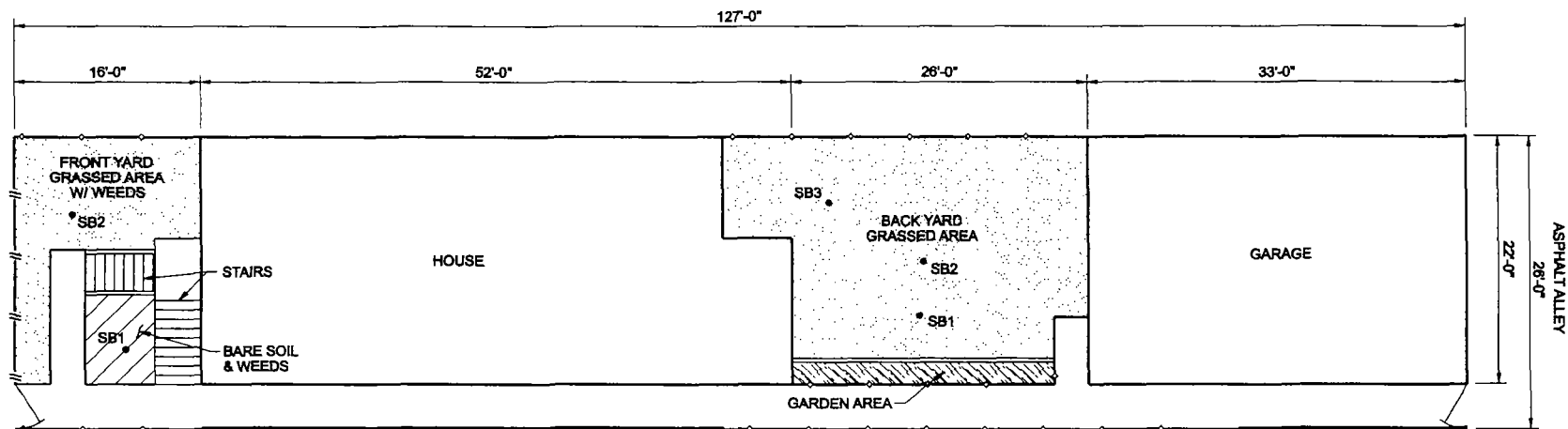
Property Layout  
2731 South Kedzie Avenue  
Residential Soil Sampling Report  
Former Celotex Site  
Chicago, Illinois

**CH2MHILL**

SOUTH KEDZIE AVENUE

PARKWAY

SIDEWALK



**LEGEND:**

GRASSED AREAS

GARDEN AREAS

BARE SOIL AREAS

SB2 SOIL BORING LOCATION

GATE

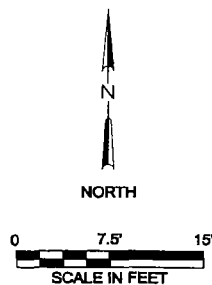
ADJACENT HOUSE/GARAGE

CHAIN-LINK FENCE

IRON/METAL FENCE

**NOTES:**

1. SIDEWALK AND PARKWAY WIDTH IS ESTIMATED.
2. BOREHOLE LOCATIONS AND PROPERTY DIMENSIONS ARE APPROXIMATE.

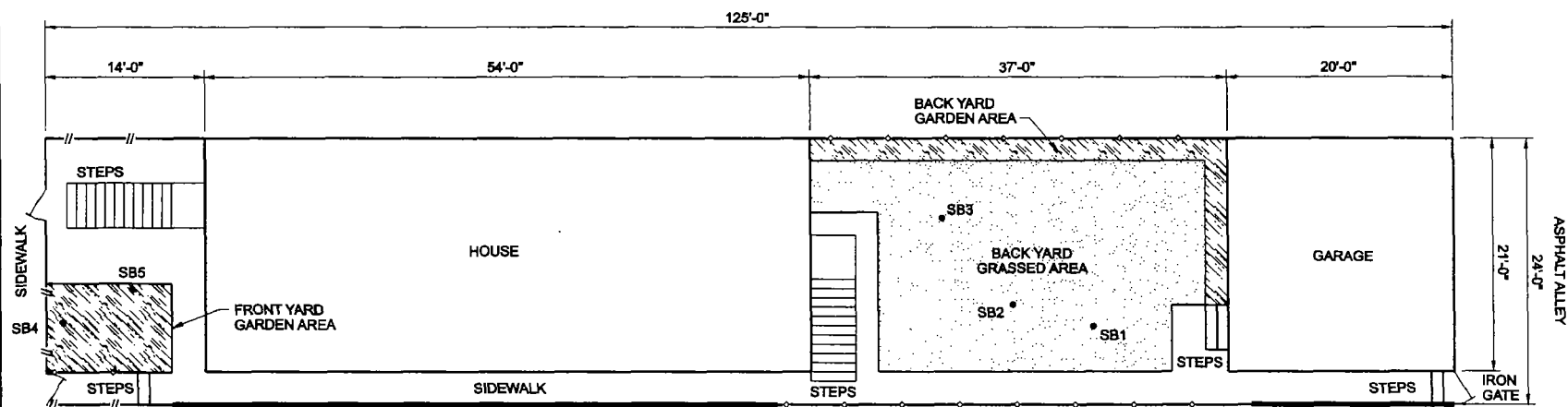


Property Layout  
2737 South Kedzie Avenue  
Residential Soil Sampling Report  
Former Celotex Site  
Chicago, Illinois








**CH2MHILL**

SOUTH KEDZIE AVENUE

PARKWAY

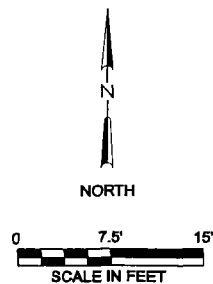


**LEGEND:**

-  GRASSED AREAS
-  GARDEN AREAS
-  SB2 SOIL BORING LOCATION
-  GATE
-  ADJACENT HOUSE/GARAGE
-  CHAIN-LINK FENCE
-  IRON/METAL FENCE

**NOTES:**

1. SIDEWALK AND PARKWAY WIDTH IS ESTIMATED.
2. BOREHOLE LOCATIONS AND PROPERTY DIMENSIONS ARE APPROXIMATE.



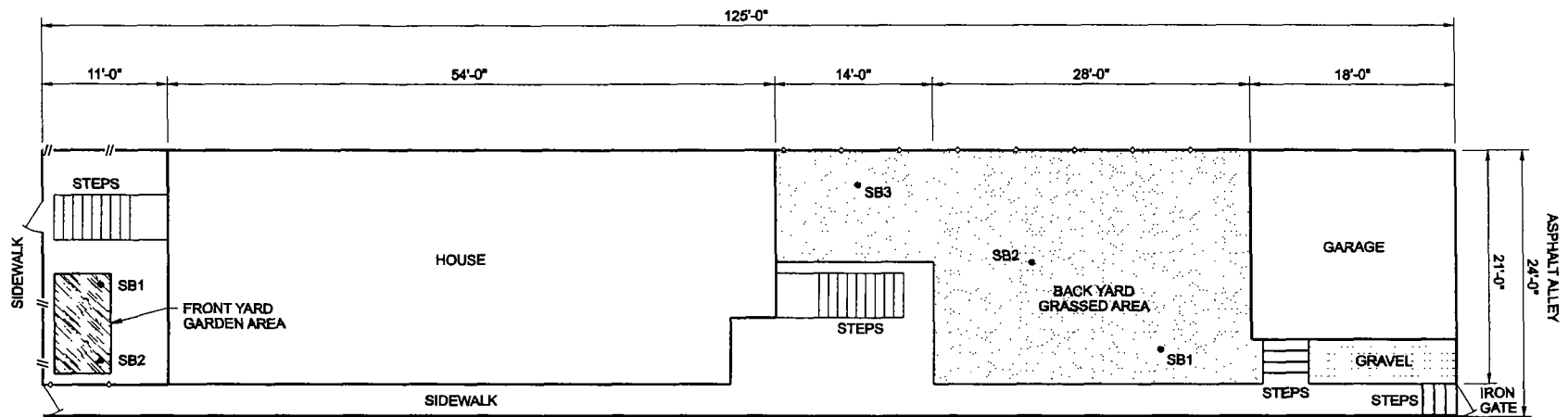
Property Layout  
2739 South Kedzie Avenue  
Residential Soil Sampling Report  
Former Celotex Site

Chicago, Illinois









**CH2MHILL**

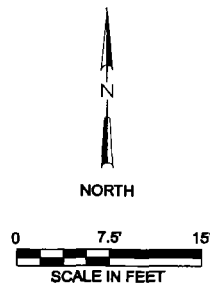
SOUTH KEDZIE AVENUE

PARKWAY



**LEGEND:**

-  GRASSED AREAS
-  GRAVEL AREAS
-  GARDEN AREAS
-  SOIL BORING LOCATION
-  GATE
-  IRON/METAL FENCE
-  CHAIN-LINK FENCE
-  ADJACENT HOUSE/GARAGE



**NOTES:**

1. SIDEWALK AND PARKWAY WIDTH IS ESTIMATED.
2. BOREHOLE LOCATIONS AND PROPERTY DIMENSIONS ARE APPROXIMATE.

Property Layout  
2741 South Kedzie Avenue  
Residential Soil Sampling Report  
Former Celotex Site

Chicago, Illinois

**CH2MHILL**

APPENDIX B

## **Confidential Figures**

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APPENDIX B

## **Confidential Summary of Analytical Results**



APPENDIX C

# **Non-Property-Specific Summary of 2006 BAPEQ Results**

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**TABLE C-1a**  
**2006 BAPEQ Data Summary**  
**Northeast Quadrant**  
 Residential Study Area  
 Near Former Celotex Site - Chicago, Illinois

Area	Sample Date	Sample Start Depth	Sample End Depth	Sample Depth Units	BAPEQ Result (ppm)
NE	7/21/2006	0	6	inches	9.75
NE	7/21/2006	24	36	inches	0.05
NE	7/21/2006	6	24	inches	4.81
NE	7/21/2006	0	6	inches	15.54
NE	7/21/2006	6	24	inches	1.79
NE	7/21/2006	24	36	inches	0.05
NE	7/21/2006	0	6	inches	2.25
NE	7/21/2006	6	24	inches	6.38
NE	7/21/2006	24	36	inches	0.05
NE	7/21/2006	0	6	inches	10.44
NE	7/21/2006	6	24	inches	0.84
NE	7/21/2006	24	36	inches	0.11
NE	7/21/2006	6	24	inches	6.64
NE	7/21/2006	24	36	inches	0.84
NE	7/21/2006	0	6	inches	9.43
NE	7/21/2006	6	24	inches	33.42
NE	7/21/2006	24	36	inches	0.05
NE	7/21/2006	0	6	inches	19.44
NE	7/21/2006	6	24	inches	8.46
NE	7/21/2006	24	36	inches	0.05
NE	7/28/2006	0	6	inches	1.91
NE	7/28/2006	6	24	inches	55.20
NE	7/28/2006	24	36	inches	2.40
NE	7/28/2006	6	24	inches	10.31
NE	7/28/2006	24	36	inches	0.09
NE	8/21/2006	6	24	inches	4.04
NE	8/21/2006	24	36	inches	0.23
NE	7/28/2006	0	6	inches	22.99
NE	7/28/2006	6	24	inches	4.53
NE	7/28/2006	24	36	inches	0.16
NE	7/28/2006	0	6	inches	33.73
NE	7/28/2006	6	24	inches	7.68
NE	7/28/2006	24	36	inches	1.08
NE	7/28/2006	0	6	inches	14.50
NE	7/28/2006	6	24	inches	2.42
NE	7/28/2006	24	36	inches	0.34
NE	7/28/2006	6	24	inches	19.34
NE	7/28/2006	24	36	inches	3.59
NE	7/31/2006	0	6	inches	25.60
NE	7/31/2006	6	24	inches	6.10
NE	7/31/2006	24	36	inches	0.05
NE	7/31/2006	0	6	inches	0.21
NE	7/31/2006	6	24	inches	7.46
NE	7/31/2006	24	36	inches	19.54
NE	7/31/2006	6	24	inches	5.64
NE	7/31/2006	24	36	inches	0.62
NE	7/31/2006	0	6	inches	21.69

**TABLE C-1a**  
**2006 BAPEQ Data Summary**  
**Northeast Quadrant**  
 Residential Study Area  
 Near Former Celotex Site - Chicago, Illinois

Area	Sample Date	Sample Start Depth	Sample End Depth	Sample Depth Units	BAPEQ Result (ppm)
NE	7/31/2006	6	24	inches	12.06
NE	7/31/2006	24	36	inches	0.79
NE	7/25/2006	6	24	inches	2.81
NE	7/25/2006	24	36	inches	0.05
NE	7/25/2006	6	24	inches	4.98
NE	7/25/2006	24	36	inches	0.04
NE	7/31/2006	24	36	inches	0.19
NE	7/31/2006	0	6	inches	18.04
NE	7/31/2006	6	24	inches	1.85
NE	7/31/2006	24	36	inches	0.15
NE	7/31/2006	0	6	inches	21.95
NE	7/31/2006	6	24	inches	18.05
NE	7/31/2006	24	36	inches	0.51
NE	7/25/2006	0	6	inches	32.51
NE	7/25/2006	6	24	inches	13.42
NE	7/25/2006	24	36	inches	0.72
NE	7/25/2006	0	6	inches	26.79
NE	7/25/2006	6	24	inches	16.87
NE	7/25/2006	24	36	inches	0.10
NE	7/25/2006	6	24	inches	5.02
NE	7/25/2006	24	36	inches	0.69
NE	7/25/2006	6	24	inches	13.48
NE	7/25/2006	24	36	inches	0.47
NE	8/21/2006	0	6	inches	10.31
NE	8/21/2006	6	24	inches	8.78
NE	8/21/2006	24	36	inches	0.10
NE	10/9/2006	0	6	inches	7.47
NE	10/9/2006	6	24	inches	32.13
NE	10/9/2006	24	36	inches	1.71
NE	8/4/2006	6	24	inches	5.05
NE	8/4/2006	24	36	inches	0.20
NE	8/4/2006	6	24	inches	4.55
NE	8/4/2006	24	36	inches	0.53
NE	7/24/2006	0	6	inches	20.71
NE	7/24/2006	6	24	inches	11.70
NE	7/24/2006	24	36	inches	0.05
NE	7/24/2006	0	6	inches	10.75
NE	7/24/2006	6	24	inches	10.94
NE	7/24/2006	24	36	inches	1.91
NE	7/31/2006	0	6	inches	11.90
NE	7/31/2006	6	24	inches	5.24
NE	7/31/2006	24	36	inches	0.11
NE	7/31/2006	0	6	inches	9.89
NE	7/31/2006	6	24	inches	24.39
NE	7/31/2006	24	36	inches	13.34
NE	7/25/2006	0	6	inches	9.65
NE	7/25/2006	6	24	inches	8.48

**TABLE C-1a**  
**2006 BAPEQ Data Summary**  
**Northeast Quadrant**  
Residential Study Area  
Near Former Celotex Site - Chicago, Illinois

Area	Sample Date	Sample Start Depth	Sample End Depth	Sample Depth Units	BAPEQ Result (ppm)
NE	7/25/2006	24	36	inches	0.10
NE	7/25/2006	0	6	inches	14.28
NE	7/25/2006	6	24	inches	4.58
NE	7/25/2006	24	36	inches	0.20
NE	7/25/2006	0	6	inches	21.94
NE	7/25/2006	6	24	inches	5.08
NE	7/25/2006	24	36	inches	2.24
NE	7/31/2006	0	6	inches	5.38
NE	7/31/2006	6	24	inches	4.50
NE	7/31/2006	24	36	inches	0.05
NE	8/1/2006	0	6	inches	23.98
NE	8/1/2006	6	24	inches	12.72
NE	8/1/2006	24	36	inches	0.64
NE	7/31/2006	0	6	inches	8.56
NE	7/31/2006	6	24	inches	5.04
NE	7/31/2006	24	36	inches	0.19
NE	7/31/2006	0	6	inches	21.08
NE	7/31/2006	6	24	inches	15.07
NE	7/31/2006	24	36	inches	1.66
NE	8/4/2006	0	6	inches	33.83
NE	8/4/2006	6	24	inches	8.36
NE	8/4/2006	24	36	inches	0.10
NE	8/4/2006	6	24	inches	1.41
NE	8/4/2006	24	36	inches	0.15
NE	7/26/2006	6	24	inches	31.11
NE	7/26/2006	24	36	inches	25.29
NE	7/31/2006	6	24	inches	8.21
NE	7/31/2006	24	36	inches	0.64
NE	7/31/2006	24	36	inches	0.24
NE	7/31/2006	6	24	inches	7.48
NE	7/31/2006	0	6	inches	30.91
NE	7/31/2006	6	24	inches	2.13
NE	7/31/2006	24	36	inches	0.05
NE	7/31/2006	0	6	inches	31.12
NE	7/31/2006	6	24	inches	6.97
NE	7/31/2006	24	36	inches	0.09
NE	8/1/2006	0	6	inches	39.85
NE	8/1/2006	24	36	inches	0.09
NE	8/1/2006	24	36	inches	1.00
NE	8/1/2006	6	24	inches	2.94
NE	8/1/2006	24	36	inches	0.37
NE	8/1/2006	6	24	inches	19.87
NE	8/1/2006	24	36	inches	0.05
NE	7/24/2006	6	24	inches	174.84
NE	7/24/2006	24	36	inches	104.27
NE	7/24/2006	6	24	inches	98.36
NE	7/24/2006	24	36	inches	1.96

**TABLE C-1a**  
**2006 BAPEQ Data Summary**  
**Northeast Quadrant**  
 Residential Study Area  
 Near Former Celotex Site - Chicago, Illinois

Area	Sample Date	Sample Start Depth	Sample End Depth	Sample Depth Units	BAPEQ Result (ppm)
NE	7/24/2006	6	24	inches	21.09
NE	7/24/2006	24	36	inches	0.10
NE	7/24/2006	0	6	inches	40.43
NE	7/24/2006	6	24	inches	29.72
NE	7/24/2006	24	36	inches	0.09

BAPEQ = Benzo(a)pyrene Equivalent  
 NE = Northeast

**TABLE C-1b**  
**2006 BAPEQ Data Summary**  
**Southwest Quadrant**  
 Residential Study Area  
 Near Former Celotex Site - Chicago, Illinois

Area	Sample Date	Sample Start Depth	Sample End Depth	Sample Depth Units	BAPEQ Result (ppm)
SW	7/26/2006	6	24	inches	7.36
SW	7/26/2006	24	36	inches	0.29
SW	7/26/2006	0	6	inches	21.86
SW	7/26/2006	6	24	inches	6.39
SW	7/26/2006	24	36	inches	0.84
SW	7/26/2006	0	6	inches	32.73
SW	7/26/2006	6	24	inches	13.18
SW	7/26/2006	24	36	inches	3.86
SW	8/11/2006	0	6	inches	20.87
SW	8/11/2006	6	24	inches	3.20
SW	8/11/2006	24	36	inches	0.53
SW	8/11/2006	0	6	inches	22.58
SW	8/11/2006	6	24	inches	2.45
SW	8/11/2006	24	36	inches	0.10
SW	8/18/2006	0	6	inches	14.93
SW	8/18/2006	6	24	inches	6.39
SW	8/18/2006	24	36	inches	0.76
SW	8/18/2006	6	24	inches	5.42
SW	8/18/2006	24	36	inches	0.13
SW	8/4/2006	0	6	inches	10.96
SW	8/4/2006	6	24	inches	6.20
SW	8/4/2006	24	36	inches	0.18
SW	8/4/2006	0	6	inches	25.58
SW	8/4/2006	6	24	inches	16.46
SW	8/4/2006	24	36	inches	0.26
SW	7/26/2006	0	6	inches	14.05
SW	7/26/2006	6	24	inches	3.02
SW	7/26/2006	24	36	inches	0.65
SW	7/26/2006	0	6	inches	28.41
SW	7/26/2006	6	24	inches	5.81
SW	7/26/2006	24	36	inches	0.16
SW	7/26/2006	0	6	inches	15.02
SW	7/26/2006	6	24	inches	4.97
SW	7/26/2006	24	36	inches	0.12
SW	7/26/2006	0	6	inches	16.65
SW	7/26/2006	6	24	inches	1.62
SW	7/26/2006	24	36	inches	0.17
SW	7/26/2006	0	6	inches	16.54
SW	7/26/2006	6	24	inches	3.90
SW	7/26/2006	24	36	inches	0.05
SW	10/9/2006	0	6	inches	16.02
SW	10/9/2006	6	24	inches	4.40
SW	10/9/2006	24	36	inches	0.21
SW	10/9/2006	0	6	inches	8.65
SW	10/9/2006	6	24	inches	2.61
SW	10/9/2006	24	36	inches	0.47
SW	8/8/2006	6	24	inches	6.18

**TABLE C-1b**  
**2006 BAPEQ Data Summary**  
**Southwest Quadrant**  
 Residential Study Area  
 Near Former Celotex Site - Chicago, Illinois

Area	Sample Date	Sample Start Depth	Sample End Depth	Sample Depth Units	BAPEQ Result (ppm)
SW	8/8/2006	24	36	inches	6.15
SW	8/8/2006	0	6	inches	5.09
SW	8/8/2006	6	24	inches	3.02
SW	8/8/2006	24	36	inches	0.05
SW	8/8/2006	0	6	inches	19.29
SW	8/8/2006	6	24	inches	3.48
SW	8/8/2006	24	36	inches	9.09
SW	8/8/2006	0	6	inches	12.65
SW	8/8/2006	6	24	inches	4.23
SW	8/8/2006	24	36	inches	0.12
SW	8/8/2006	0	6	inches	18.39
SW	8/8/2006	6	24	inches	5.41
SW	8/8/2006	24	36	inches	2.85
SW	8/8/2006	0	6	inches	9.99
SW	8/8/2006	6	24	inches	9.09
SW	8/8/2006	24	36	inches	0.10
SW	8/8/2006	24	36	inches	8.26
SW	8/8/2006	0	6	inches	16.37
SW	8/8/2006	24	36	inches	0.16
SW	8/8/2006	0	6	inches	17.93
SW	8/8/2006	24	36	inches	0.05
SW	8/8/2006	0	6	inches	10.16
SW	8/8/2006	24	36	inches	0.65
SW	8/10/2006	0	6	inches	12.85
SW	8/10/2006	6	24	inches	2.55
SW	8/10/2006	24	36	inches	0.08
SW	8/10/2006	0	6	inches	5.16
SW	8/10/2006	6	24	inches	7.65
SW	8/10/2006	24	36	inches	1.09
SW	8/8/2006	6	24	inches	3.92
SW	8/8/2006	24	36	inches	0.05
SW	8/8/2006	0	6	inches	16.42
SW	8/8/2006	6	24	inches	6.82
SW	8/8/2006	24	36	inches	0.58
SW	8/8/2006	0	6	inches	27.10
SW	8/8/2006	6	24	inches	1.83
SW	8/8/2006	24	36	inches	0.05
SW	8/8/2006	0	6	inches	16.70
SW	8/8/2006	6	24	inches	11.07
SW	8/8/2006	24	36	inches	2.52
SW	8/8/2006	0	6	inches	6.80
SW	8/8/2006	6	24	inches	5.16
SW	8/8/2006	24	36	inches	24.39
SW	8/10/2006	0	6	inches	31.22
SW	8/10/2006	6	24	inches	6.16
SW	8/10/2006	24	36	inches	0.05
SW	8/10/2006	0	6	inches	27.10



**TABLE C-1b**  
**2006 BAPEQ Data Summary**  
**Southwest Quadrant**  
 Residential Study Area  
 Near Former Celotex Site - Chicago, Illinois

Area	Sample Date	Sample Start Depth	Sample End Depth	Sample Depth Units	BAPEQ Result (ppm)
SW	8/10/2006	6	24	inches	3.34
SW	8/10/2006	24	36	inches	0.15
SW	8/11/2006	0	6	inches	27.92
SW	8/11/2006	6	24	inches	2.63
SW	8/11/2006	24	36	inches	0.05
SW	8/11/2006	0	6	inches	5.08
SW	8/11/2006	6	24	inches	6.42
SW	8/11/2006	24	36	inches	0.20
SW	8/11/2006	0	6	inches	10.96
SW	8/11/2006	6	24	inches	4.42
SW	8/11/2006	24	36	inches	0.08
SW	8/11/2006	0	6	inches	23.50
SW	8/11/2006	6	24	inches	7.28
SW	8/11/2006	24	36	inches	2.24
SW	8/11/2006	0	6	inches	35.54
SW	8/11/2006	6	24	inches	3.56
SW	8/11/2006	6	24	inches	3.44
SW	7/28/2006	24	36	inches	0.35
SW	7/28/2006	0	6	inches	14.85
SW	7/28/2006	24	36	inches	0.15
SW	7/28/2006	0	6	inches	26.00
SW	7/28/2006	6	24	inches	4.81
SW	7/28/2006	24	36	inches	0.08
SW	7/27/2006	0	6	inches	39.76
SW	7/27/2006	6	24	inches	10.46
SW	7/27/2006	24	36	inches	2.55
SW	7/27/2006	0	6	inches	20.52
SW	7/27/2006	6	24	inches	7.06
SW	7/27/2006	24	36	inches	0.05
SW	7/27/2006	0	6	inches	14.80
SW	7/27/2006	6	24	inches	6.98
SW	7/27/2006	24	36	inches	0.11
SW	8/4/2006	0	6	inches	17.51
SW	8/4/2006	6	24	inches	5.61
SW	8/4/2006	24	36	inches	0.43
SW	8/4/2006	0	6	inches	19.18
SW	8/4/2006	6	24	inches	4.26
SW	8/4/2006	24	36	inches	0.20
SW	8/11/2006	0	6	inches	9.00
SW	8/11/2006	6	24	inches	3.63
SW	8/11/2006	24	36	inches	0.08
SW	8/11/2006	0	6	inches	15.44
SW	8/11/2006	6	24	inches	3.77
SW	8/11/2006	24	36	inches	0.15
SW	8/4/2006	0	6	inches	11.09
SW	8/4/2006	6	24	inches	2.25
SW	8/4/2006	24	36	inches	0.11

**TABLE C-1b**  
**2006 BAPEQ Data Summary**  
**Southwest Quadrant**  
 Residential Study Area  
 Near Former Celotex Site - Chicago, Illinois

Area	Sample Date	Sample Start Depth	Sample End Depth	Sample Depth Units	BAPEQ Result (ppm)
SW	8/4/2006	0	6	inches	12.81
SW	8/4/2006	6	24	inches	3.37
SW	8/4/2006	24	36	inches	0.08
SW	8/18/2006	0	6	inches	7.24
SW	8/18/2006	6	24	inches	5.29
SW	8/18/2006	24	36	inches	0.38
SW	8/18/2006	0	6	inches	2.63
SW	8/18/2006	6	24	inches	3.83
SW	8/18/2006	24	36	inches	0.76
SW	7/27/2006	0	6	inches	12.67
SW	7/27/2006	6	24	inches	5.32
SW	7/27/2006	24	36	inches	0.68
SW	7/27/2006	0	6	inches	9.18
SW	7/27/2006	6	24	inches	7.74
SW	7/27/2006	24	36	inches	0.15
SW	8/11/2006	6	24	inches	3.56
SW	8/11/2006	24	36	inches	0.49
SW	8/11/2006	6	24	inches	1.08
SW	8/11/2006	24	36	inches	0.05
SW	7/27/2006	0	6	inches	5.36
SW	7/27/2006	6	24	inches	0.54
SW	7/27/2006	24	36	inches	0.05
SW	7/27/2006	0	6	inches	4.00
SW	7/27/2006	6	24	inches	0.54
SW	7/27/2006	24	36	inches	0.05
SW	7/27/2006	0	6	inches	8.82
SW	7/27/2006	6	24	inches	4.01
SW	7/27/2006	24	36	inches	0.19
SW	7/27/2006	0	6	inches	7.43
SW	7/27/2006	6	24	inches	3.16
SW	7/27/2006	24	36	inches	0.05
SW	7/27/2006	0	6	inches	14.91
SW	7/27/2006	6	24	inches	3.55
SW	7/27/2006	24	36	inches	0.05
SW	7/27/2006	0	6	inches	6.77
SW	7/27/2006	6	24	inches	5.80
SW	7/27/2006	24	36	inches	0.28
SW	7/27/2006	0	6	inches	10.58
SW	7/27/2006	6	24	inches	2.76
SW	7/27/2006	24	36	inches	0.12
SW	7/27/2006	0	6	inches	6.41
SW	7/27/2006	6	24	inches	1.92
SW	7/27/2006	24	36	inches	0.13
SW	7/28/2006	0	6	inches	2.43
SW	7/28/2006	6	24	inches	1.52
SW	7/28/2006	24	36	inches	0.05
SW	7/28/2006	0	6	inches	6.95

**TABLE C-1b**  
**2006 BAPEQ Data Summary**  
**Southwest Quadrant**  
 Residential Study Area  
 Near Former Celotex Site - Chicago, Illinois

Area	Sample Date	Sample Start Depth	Sample End Depth	Sample Depth Units	BAPEQ Result (ppm)
SW	7/28/2006	6	24	inches	2.35
SW	7/28/2006	24	36	inches	0.10
SW	8/18/2006	0	6	inches	14.89
SW	8/18/2006	6	24	inches	1.48
SW	8/18/2006	24	36	inches	0.17
SW	8/18/2006	0	6	inches	9.82
SW	8/18/2006	6	24	inches	5.50
SW	8/18/2006	24	36	inches	0.12
SW	8/4/2006	6	24	inches	3.28
SW	8/4/2006	24	36	inches	0.24
SW	8/4/2006	6	24	inches	3.05
SW	8/4/2006	24	36	inches	0.05
SW	7/26/2006	0	6	inches	13.64
SW	7/26/2006	6	24	inches	1.90
SW	7/26/2006	24	36	inches	0.05
SW	7/26/2006	0	6	inches	11.04
SW	7/26/2006	6	24	inches	24.79
SW	7/26/2006	24	36	inches	0.21
SW	7/26/2006	0	6	inches	3.71
SW	7/26/2006	6	24	inches	2.67
SW	7/26/2006	24	36	inches	0.38
SW	7/27/2006	0	6	inches	10.92
SW	7/27/2006	6	24	inches	3.86
SW	7/27/2006	24	36	inches	0.24
SW	7/27/2006	0	6	inches	5.31
SW	7/27/2006	6	24	inches	4.25
SW	7/27/2006	24	36	inches	0.33
SW	7/27/2006	0	6	inches	3.98
SW	7/27/2006	6	24	inches	0.18
SW	7/27/2006	24	36	inches	3.99

BAPEQ = Benzo(a)pyrene Equivalent  
 SW = Southwest

**TABLE C-1c**  
**2006 BAPEQ Data Summary**  
**Northwest Area**  
*Residential Study Area*  
*Former Celotex Site - Chicago, Illinois*

Area	Sample Date	Sample Start Depth	Sample End Depth	Sample Depth Units	BAPEQ Result (ppm)
NW	8/1/2006	0	6	feet	23.58
NW	8/1/2006	6	24	feet	2.01
NW	8/1/2006	24	36	feet	0.05
NW	8/1/2006	0	6	feet	4.05
NW	8/1/2006	6	24	feet	1.21
NW	8/1/2006	24	36	feet	0.05
NW	8/1/2006	0	6	feet	3.58
NW	8/1/2006	6	24	feet	2.35
NW	8/1/2006	24	36	feet	0.53
NW	8/1/2006	0	6	feet	3.55
NW	8/1/2006	6	24	feet	0.60
NW	8/1/2006	24	36	feet	0.11
NW	8/2/2006	0	6	feet	4.58
NW	8/2/2006	6	24	feet	4.71
NW	8/2/2006	24	36	feet	0.09
NW	8/2/2006	0	6	feet	5.11
NW	8/2/2006	6	24	feet	8.14
NW	8/2/2006	24	36	feet	0.22
NW	8/2/2006	0	6	feet	4.26
NW	8/2/2006	6	24	feet	0.42
NW	8/2/2006	24	36	feet	0.05
NW	8/2/2006	0	6	feet	10.57
NW	8/2/2006	6	24	feet	10.48
NW	8/2/2006	24	36	feet	0.07
NW	8/2/2006	0	6	feet	14.30
NW	8/2/2006	6	24	feet	5.98
NW	8/2/2006	24	36	feet	0.05
NW	8/2/2006	0	6	feet	23.72
NW	8/2/2006	6	24	feet	8.37
NW	8/2/2006	24	36	feet	0.12
NW	8/2/2006	0	6	feet	4.23
NW	8/2/2006	6	24	feet	0.72
NW	8/2/2006	24	36	feet	0.05
NW	8/2/2006	0	6	feet	2.06
NW	8/2/2006	6	24	feet	4.72
NW	8/2/2006	24	36	feet	0.23
NW	8/2/2006	0	6	feet	4.17
NW	8/2/2006	6	24	feet	2.54
NW	8/2/2006	24	36	feet	0.22
NW	8/2/2006	0	6	feet	2.94
NW	8/2/2006	6	24	feet	2.23
NW	8/2/2006	24	36	feet	0.10
NW	8/1/2006	0	6	feet	3.76
NW	8/1/2006	6	24	feet	0.56
NW	8/1/2006	24	36	feet	0.05
NW	8/1/2006	0	6	feet	3.29
NW	8/1/2006	6	24	feet	3.19

**TABLE C-1c**  
**2006 BAPEQ Data Summary**  
**Northwest Area**  
*Residential Study Area*  
*Former Celotex Site - Chicago, Illinois*

Area	Sample Date	Sample Start Depth	Sample End Depth	Sample Depth Units	BAPEQ Result (ppm)
NW	8/1/2006	24	36	feet	0.47
NW	8/2/2006	0	6	feet	3.83
NW	8/2/2006	6	24	feet	2.11
NW	8/2/2006	24	36	feet	0.05
NW	8/2/2006	0	6	feet	4.56
NW	8/2/2006	6	24	feet	2.17
NW	8/2/2006	24	36	feet	0.35
NW	8/4/2006	0	6	feet	2.29
NW	8/4/2006	6	24	feet	6.87
NW	8/4/2006	24	36	feet	0.20
NW	8/4/2006	0	6	feet	2.12
NW	8/4/2006	6	24	feet	2.60
NW	8/4/2006	24	36	feet	1.28
NW	8/1/2006	0	6	feet	7.34
NW	8/1/2006	6	24	feet	5.03
NW	8/1/2006	24	36	feet	0.05
NW	8/1/2006	0	6	feet	5.10
NW	8/1/2006	6	24	feet	3.70
NW	8/1/2006	24	36	feet	0.13
NW	8/4/2006	0	6	feet	3.99
NW	8/4/2006	6	24	feet	2.86
NW	8/4/2006	24	36	feet	0.92
NW	8/4/2006	0	6	feet	1.52
NW	8/4/2006	6	24	feet	2.26
NW	8/4/2006	24	36	feet	1.34
NW	8/1/2006	0	6	feet	4.50
NW	8/1/2006	6	24	feet	0.78
NW	8/1/2006	24	36	feet	0.05
NW	8/1/2006	0	6	feet	1.91
NW	8/1/2006	6	24	feet	3.55
NW	8/1/2006	24	36	feet	0.05
NW	8/4/2006	0	6	feet	4.68
NW	8/4/2006	6	24	feet	2.11
NW	8/4/2006	24	36	feet	0.05
NW	8/4/2006	0	6	feet	6.66
NW	8/4/2006	6	24	feet	0.70
NW	8/4/2006	24	36	feet	0.05
NW	8/10/2006	0	6	feet	3.22
NW	8/10/2006	6	24	feet	1.36
NW	8/10/2006	24	36	feet	0.13
NW	8/10/2006	0	6	feet	6.03
NW	8/10/2006	6	24	feet	5.64
NW	8/10/2006	24	36	feet	1.36
NW	8/2/2006	0	6	feet	5.05
NW	8/2/2006	6	24	feet	0.60
NW	8/2/2006	24	36	feet	0.05
NW	8/2/2006	0	6	feet	2.03

**TABLE C-1c**  
**2006 BAPEQ Data Summary**  
**Northwest Area**  
*Residential Study Area*  
*Former Celotex Site - Chicago, Illinois*

Area	Sample Date	Sample Start Depth	Sample End Depth	Sample Depth Units	BAPEQ Result (ppm)
NW	8/2/2006	6	24	feet	1.62
NW	8/2/2006	24	36	feet	0.11
NW	8/7/2006	0	6	feet	3.02
NW	8/7/2006	6	24	feet	1.98
NW	8/7/2006	24	36	feet	0.05
NW	8/2/2006	0	6	feet	2.52
NW	8/2/2006	6	24	feet	1.17
NW	8/2/2006	24	36	feet	0.05
NW	8/2/2006	0	6	feet	4.36
NW	8/2/2006	6	24	feet	1.95
NW	8/2/2006	24	36	feet	0.05
NW	8/7/2006	0	6	feet	0.81
NW	8/7/2006	6	24	feet	1.15
NW	8/7/2006	24	36	feet	0.51
NW	8/1/2006	0	6	feet	6.05
NW	8/1/2006	6	24	feet	0.79
NW	8/1/2006	24	36	feet	0.11
NW	8/1/2006	0	6	feet	2.59
NW	8/1/2006	6	24	feet	0.31
NW	8/1/2006	24	36	feet	0.05
NW	8/7/2006	0	6	feet	4.02
NW	8/7/2006	6	24	feet	0.56
NW	8/7/2006	24	36	feet	0.05
NW	8/7/2006	0	6	feet	4.59
NW	8/7/2006	6	24	feet	1.50
NW	8/7/2006	24	36	feet	0.05
NW	8/2/2006	0	6	feet	3.51
NW	8/2/2006	6	24	feet	1.00
NW	8/2/2006	24	36	feet	0.05
NW	8/2/2006	0	6	feet	3.01
NW	8/2/2006	6	24	feet	3.22
NW	8/2/2006	24	36	feet	0.05
NW	8/2/2006	0	6	feet	5.90
NW	8/2/2006	6	24	feet	0.25
NW	8/2/2006	24	36	feet	0.05
NW	8/2/2006	0	6	feet	14.89
NW	8/2/2006	6	24	feet	2.27
NW	8/2/2006	24	36	feet	0.21
NW	8/10/2006	0	6	feet	3.35
NW	8/10/2006	6	24	feet	0.34
NW	8/10/2006	24	36	feet	0.05
NW	8/7/2006	0	6	feet	3.96
NW	8/7/2006	6	24	feet	0.26
NW	8/7/2006	24	36	feet	0.05
NW	8/7/2006	0	6	feet	8.47
NW	8/7/2006	6	24	feet	2.83
NW	8/7/2006	24	36	feet	0.05

**TABLE C-1c**  
**2006 BAPEQ Data Summary**  
**Northwest Area**  
*Residential Study Area*  
*Former Celotex Site - Chicago, Illinois*

Area	Sample Date	Sample Start Depth	Sample End Depth	Sample Depth Units	BAPEQ Result (ppm)
NW	8/7/2006	0	6	feet	5.84
NW	8/7/2006	6	24	feet	3.18
NW	8/7/2006	24	36	feet	0.05
NW	8/7/2006	0	6	feet	2.88
NW	8/7/2006	6	24	feet	0.96
NW	8/7/2006	24	36	feet	0.05
NW	8/7/2006	0	6	feet	4.95
NW	8/7/2006	6	24	feet	1.40
NW	8/7/2006	24	36	feet	0.10
NW	10/9/2006	0	6	feet	6.71
NW	10/9/2006	6	24	feet	3.99
NW	10/9/2006	24	36	feet	0.11
NW	8/7/2006	0	6	feet	5.91
NW	8/7/2006	6	24	feet	2.70
NW	8/7/2006	24	36	feet	0.05
NW	8/7/2006	0	6	feet	5.10
NW	8/7/2006	6	24	feet	3.46
NW	8/7/2006	24	36	feet	0.11
NW	8/7/2006	0	6	feet	9.92
NW	8/7/2006	6	24	feet	8.83
NW	8/7/2006	24	36	feet	0.05
NW	8/18/2006	0	6	feet	6.03
NW	8/18/2006	6	24	feet	0.49
NW	8/18/2006	24	36	feet	0.05
NW	8/18/2006	0	6	feet	7.75
NW	8/18/2006	6	24	feet	3.36
NW	8/18/2006	24	36	feet	0.13
NW	8/7/2006	0	6	feet	132.01
NW	8/7/2006	6	24	feet	0.05
NW	8/7/2006	24	36	feet	0.09
NW	8/7/2006	0	6	feet	9.71
NW	8/7/2006	6	24	feet	9.86
NW	8/7/2006	24	36	feet	0.38
NW	8/7/2006	0	6	feet	7.53
NW	8/7/2006	6	24	feet	1.12
NW	8/7/2006	24	36	feet	0.05
NW	8/10/2006	0	6	feet	3.04
NW	8/10/2006	6	24	feet	2.10
NW	8/10/2006	24	36	feet	0.05
NW	8/10/2006	0	6	feet	2.42
NW	8/10/2006	6	24	feet	3.14
NW	8/10/2006	24	36	feet	0.10
NW	8/10/2006	0	6	feet	4.09
NW	8/10/2006	6	24	feet	0.76
NW	8/10/2006	24	36	feet	0.05
NW	8/10/2006	0	6	feet	4.23
NW	8/10/2006	6	24	feet	7.11

**TABLE C-1c**  
**2006 BAPEQ Data Summary**  
**Northwest Area**  
*Residential Study Area*  
*Former Celotex Site - Chicago, Illinois*

Area	Sample Date	Sample Start Depth	Sample End Depth	Sample Depth Units	BAPEQ Result (ppm)
NW	8/10/2006	24	36	feet	0.12
NW	8/18/2006	0	6	feet	3.07
NW	8/18/2006	6	24	feet	0.62
NW	8/18/2006	24	36	feet	0.05
NW	8/18/2006	0	6	feet	3.55
NW	8/18/2006	6	24	feet	6.66
NW	8/18/2006	24	36	feet	0.41
NW	8/18/2006	0	6	feet	2.25
NW	8/18/2006	6	24	feet	2.30
NW	8/18/2006	24	36	feet	0.05
NW	8/18/2006	0	6	feet	1.81
NW	8/18/2006	6	24	feet	0.14
NW	8/18/2006	24	36	feet	0.61
NW	8/18/2006	0	6	feet	3.21
NW	8/18/2006	6	24	feet	3.38
NW	8/18/2006	24	36	feet	0.14
NW	8/17/2006	0	6	feet	8.31
NW	8/17/2006	6	24	feet	2.82
NW	8/17/2006	24	36	feet	0.05
NW	8/17/2006	0	6	feet	8.84
NW	8/17/2006	6	24	feet	3.69
NW	8/17/2006	24	36	feet	0.05
NW	8/21/2006	0	6	feet	9.11
NW	8/21/2006	6	24	feet	3.84
NW	8/21/2006	24	36	feet	0.06
NW	8/21/2006	0	6	feet	5.64
NW	8/21/2006	6	24	feet	1.39
NW	8/21/2006	24	36	feet	0.05
NW	8/7/2006	0	6	feet	6.73
NW	8/7/2006	6	24	feet	0.38
NW	8/7/2006	24	36	feet	0.05
NW	8/7/2006	0	6	feet	12.47
NW	8/7/2006	6	24	feet	5.49
NW	8/7/2006	24	36	feet	0.17
NW	8/10/2006	0	6	feet	10.06
NW	8/10/2006	6	24	feet	2.55
NW	8/10/2006	24	36	feet	0.05
NW	8/10/2006	0	6	feet	21.09
NW	8/10/2006	6	24	feet	3.76
NW	8/10/2006	24	36	feet	0.14
NW	8/10/2006	0	6	feet	2.66
NW	8/10/2006	6	24	feet	4.04
NW	8/10/2006	24	36	feet	0.29
NW	8/11/2006	0	6	feet	11.57
NW	8/11/2006	6	24	feet	10.62
NW	8/11/2006	24	36	feet	0.82
NW	8/21/2006	0	6	feet	9.05



**TABLE C-1c**  
**2006 BAPEQ Data Summary**  
**Northwest Area**  
*Residential Study Area*  
*Former Celotex Site - Chicago, Illinois*

Area	Sample Date	Sample Start Depth	Sample End Depth	Sample Depth Units	BAPEQ Result (ppm)
NW	8/21/2006	6	24	feet	5.37
NW	8/21/2006	24	36	feet	0.20
NW	8/21/2006	0	6	feet	18.87
NW	8/21/2006	6	24	feet	1.92
NW	8/21/2006	24	36	feet	0.11
NW	8/7/2006	0	6	feet	19.39
NW	8/7/2006	6	24	feet	3.18
NW	8/7/2006	24	36	feet	0.97
NW	8/17/2006	0	6	feet	2.31
NW	8/17/2006	6	24	feet	12.29
NW	8/17/2006	24	36	feet	17.99
NW	8/17/2006	0	6	feet	2.74
NW	8/17/2006	6	24	feet	14.99
NW	8/17/2006	24	36	feet	3.71
NW	8/17/2006	0	6	feet	5.81
NW	8/17/2006	6	24	feet	5.34
NW	8/17/2006	24	36	feet	1.99
NW	8/17/2006	0	6	feet	13.94
NW	8/17/2006	6	24	feet	2.59
NW	8/17/2006	24	36	feet	0.64
NW	8/17/2006	0	6	feet	4.45
NW	8/17/2006	6	24	feet	5.29
NW	8/17/2006	24	36	feet	0.05
NW	8/17/2006	0	6	feet	2.14
NW	8/17/2006	6	24	feet	0.73
NW	8/17/2006	24	36	feet	0.08
NW	8/21/2006	0	6	feet	2.53
NW	8/21/2006	6	24	feet	1.36
NW	8/21/2006	24	36	feet	0.05
NW	8/21/2006	0	6	feet	5.20
NW	8/21/2006	6	24	feet	1.96
NW	8/21/2006	24	36	feet	0.44
NW	8/17/2006	0	6	feet	3.90
NW	8/17/2006	6	24	feet	0.78
NW	8/17/2006	24	36	feet	0.05
NW	8/17/2006	0	6	feet	4.26
NW	8/17/2006	6	24	feet	1.90
NW	8/17/2006	24	36	feet	0.10
NW	8/11/2006	0	6	feet	4.97
NW	8/11/2006	6	24	feet	2.03
NW	8/11/2006	24	36	feet	0.05
NW	8/11/2006	0	6	feet	5.43
NW	8/11/2006	6	24	feet	14.98
NW	8/11/2006	24	36	feet	0.65
NW	8/11/2006	0	6	feet	4.92
NW	8/11/2006	6	24	feet	0.26
NW	8/11/2006	24	36	feet	0.05

**TABLE C-1c**  
**2006 BAPEQ Data Summary**  
**Northwest Area**  
*Residential Study Area*  
*Former Celotex Site - Chicago, Illinois*

<b>Area</b>	<b>Sample Date</b>	<b>Sample Start Depth</b>	<b>Sample End Depth</b>	<b>Sample Depth Units</b>	<b>BAPEQ Result (ppm)</b>
NW	8/11/2006	0	6	feet	4.14
NW	8/11/2006	6	24	feet	2.11
NW	8/11/2006	24	36	feet	0.77

BAPEQ = Benzo(a)pyrene Equivalent  
 NW = Northwest

APPENDIX D

## **Confidential 2006 Data Validation Memorandum**